Sir George Francis Hampson.

IX. ARTHROPODA

(GENERAL)

ARRANGED BY

D. SHARP

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Solomon islands etc., etc. *Coleoptera.* **Heller, 1217**; *Curculionidae* 15 spp. n.; **Gahan, 1015**; *Cleridae* gen. n.— *Hymenoptera.* **Meade-Waldo, 1799**; *Odynerus* sp. n.: **Turner, 2976**; *Fossoria* 4 spp. n.— *Lepidoptera.* **Meyrick, 1868**; *Tineidae* spp. n.: **Meyrick, 1870**; *Tortricidae* spp. n.: **Prout, 2265**; *Derxena* sp. n.: **Rothschild, 2460**; *Hyalaethea* 2 spp. n.: **Hampson, 1167**; *Erastrianae* spp. n.— *Odonata.* **Ris, 2407**; *Diplacodes* sp. n.— *Orthoptera.* **Shelford, 2692**; *Stylopyga* sp. n.

Fiji islds. *Diptera.* **Theobald, 2924**; *Culicidae* 2 spp. n.

Lifu. *Lepidoptera.* **Meyrick, 1870**; *Tortricidae* sp. n.: **Rothschild, 2458**; *Diacrisia* sp. n.

New Caledonia. *Coleoptera.* **Lewis, 1637**; *Platylister* sp. n.— *Neuroptera.* **Navas, 1977**; *Chrysopidae* 2 spp. n.

Tonga and Cook islds. *Diptera.* **Coquillett, 593**; *Dacus* 3 spp. n.

Rarotonga. *Hymenoptera.* **Meade-Waldo, 1799**; *Odynerus* sp. n.

New Zealand. *Insecta.* **Hare, 1185**; Additions to *Perlidae, Neuroptera, Planipennia* and *Trichoptera* of New Zealand.— *Coleoptera.* **Broun, 315**; new genera and species: **Broun, 316**; Revision of *Byrrhidae*: Chatham Islands. **Broun, 318**; additions: Kermadec Islands. **Broun, 318.**— *Hymenoptera.* **Cameron, 419**; *Eurytoma* sp. n.—*Lepidoptera.* **Hamilton,**

1159 & **11** ; list : **Meyrick, 1871** : **Meyrick, 1872**; Kermadec Islands spp. n. : **Philpott, 2147**; *Melanchra* sp. n.— *Diptera.* **Miller, 1879**; *Empis* sp. n.

Palaearctic Region.

(a) Collectively.

Coleoptera.

Bernhauer, 204; *Staphyliniden* 9 spp. n.—**Bernhauer, 205**; *Staphylinidae* 12 spp. n.—**Bernhauer, 206**; *Staphyliniden* 9 spp. n.

Bickhardt, 227; *Hister* 2 spp. n.

Daniel, 652; *Urodon.*

Eggers, 795 & **796**; *Scolytidae* spp. n.

Everts, 869, 870 & **871**; Bemerkungen zu dem neuen Catalogus *Coleopterorum* Europae.

Formánek, 946; *Omias* and *Trachyphlœus* spp. n.

Jacobson, 1348; Russland und Westeuropa, *Staphylinidae—Histeridae* (Russ.).

Luze, 1715; *Anthobium* spp. n.

Révision des *Euplectus* paléarctique; **Raffray, 2289.**

Reitter, 2331; 2 spp. n. *Pselaphus* and *Epipolaeus.*—**Reitter, 2334**; Persia and Crimea 2 spp. n. *Otiorrhynchus* and *Polydrosus.*—**Reitter, 2346**; *Elateridae* spp. n.—**Reitter, 2343**; *Pselaphidae* and *Scydmaenidae* spp. n.—**Reitter, 2348**; *Baris* 4 spp. n.—**Reitter, 2352**; *Anommatus* spp. n.

Schilsky, 1570; 5 spp. n.—*Metallites. Polydrosus, Brachypterus.*

Schmidt, 2563; Transbaikal *Aphodius* sp. n.

Hymenoptera.

Bischoff, 233; *Chrysididae* spp. n.

Emery, 806; *Prenolepis.*

Enslin, 828; Kleinasien *Atlantus* 4 spp. n.

Kokujev, 1526; Evaniiden des Russischen Reiches, 2 spp. n. (Russ.).—**Kokujev, 1527**; *Cephini* des russischen Reiches 5 spp. n.

Lebedev, 1610; Elisabetpol *Halictus* 2 spp. n.

Schmiedeknecht, 2578; spp. n. *Ichneumonidae.*

Skorikov, 2722; *Bombus* spp. n.

Lepidoptera.

Bang-Haas, 114; spp. n.

Caradja, 440; Geographische Verbreitung der *Pyraliden*, spp. n.

Dietze, 696; *Eupithecia* 5 spp. n.

Hampson, 1166; Sicily *Hydroecia* sp. n., Turkestan *Pseudohadena* sp. n., E. Siberia *Acronycia* sp. n.

Hampson, 1167; *Erastrianae* spp. n.

Meinhardt, 1807; Macrolepidopteren des russischen Altai and Kobdo (russ.).

Rebel, 2299; *Pyraliden, Tortriciden* und *Tineen*, 17 spp. n

Warren, 3088; 4 spp. n.

Trichoptera.

Martynow, 1774; Sibirien und Mongolien *Oligoplectrodes* 1 sp. n., *Setodes* 1 sp. n., *Aethaloptera* 1 sp. n., *Hydropsyche* 1 sp. n., *Hyalopsyche* 1 sp. n., *Nyctiophilax* 1 sp. n., *Psychomyiella* 2 spp. n., *Rhyacophila* 3 spp. n., *Padunia* 1 sp. n.

Neuroptera.

Navás, 1968; Tunis and Baikal *Chrysopa* 2 spp. n.—**Navás, 1969**; Philippeville *Micromus* sp. n.

Diptera.

Hendel, 1220; *Acalyptratae* spp. n.

Pleske, 2212; Transbaikalien, Amur and Chiva, *Chrysops* spp. n.

Riedel, 2396; *Pachyrhina* spp. n.

Homoptera.

Horváth, 1288; *Dictyopharinae.*

Matsumura, 1790; *Cicadinen* neue, Europa und dem Mittelmeergebiet.

Odonata (or *Paraneuroptera*).

Förster, 930; *Libellen.*

Orthoptera.

Adelung, 10; Transcaspia *Blatt.* sp. n. and *Acrid.* sp. n., Süd-Ussuri *Acrid.* sp. n., Mandschurei *Acrid.* sp. n., Persien *Locust.* sp. n.

Lesne, 1629; Distribution *Forficula lesnei.*

(b) **Europe**, collectively.

Coleoptera.

Roubal, 2464; Nonnullorum Europae *Coleopterorum* patriae novae.

Hymenoptera.

Berthoumieu, 210; *Ichneumoninae* spp. n.

Crawford, 621; *Hypopteromalus* sp. n.

Enslin, 827; *Macrophya* 2 spp. n.

Poppius, 2229; *Prenolepis vividula* new for Sweden.

Szabó, 2897; *Sysphincta.*

†Wheeler, 3147; Baltic amber spp. n.

Lepidoptera.

Drenowsky, 736; *Anaitis columbata* aus Bulgarien, erster Fundort in Europa.

Schawerda, 2533; Nachtrag zur Fauna Bosniens und der Herzegowina.

Slevogt, 2726; Die Grossfalter Kurlands, Estlands, Lèvlands und Ostpreussens.

Spuler, 2796; Die Schmetterlinge Europas.

Diptera.

Oldenberg, 2043; *Empidae* spp. n.

Aphaniptera.

Rothschild, 2455; Roumania *Ischnopsyllus* sp. n.

Odonata (or *Paraneuroptera*).

Navás, Broteria **9** p. 90; *Diplacodes lefebvrei.*

Orthoptera.

Burr, 377; Synopsis.

Thysanura.

Verhoeff, 3014; *Machiloidea* spp. n.

(c) **North Europe and Siberia.**

Insecta, collectively.

Hackwitz, 1147; Sweden, notes (Swedish).

Poppius, 2234; Finland novelties, *Plateumaris* and *Colias.*

Tertiary.

†Reis, 2327; Insekten der Fischschiefer von Transbaikalien, *Coleoptera* 1 sp. n.

Coleoptera.

Eichelbaum, 797; Schweden *Staphylinidae.*

Helliesen, 1219; Norway novelties (Norw.).

Jacobson, 1347; Nord-Ostsibirien *Chrysomelidae* 3 spp. n.

Poppius, 2236; Nordküste von Ostsibirien *Carabidae, Staphylinidae, Catopidae* spp. n.

Poppius, Zaitzev & Jacobson, 2239; *Coleopteren*fauna von Nord-Ost-Sibirien.

Sahlberg, 2499; Finland *Dytiscidae.*

Sahlberg, 2501; *Hydroporus* 3 spp. n.

Schneider, 2589; Maalselven, Norwegen (Norweg).

Wuorentaus, 3197; 236 novelties.

Zaitzev, 3211; Wasserkäfer des Gebiets Jakutsk, *Dytiscidae* 3 spp. n., *Hydrophilidae* 1 sp. n.

Hymenoptera.

Essen, 844; *Cryptinae* Finlands.

Forsius, 948; Finland *Selandriaden* gen. n.

Nordenström, 2016; Sweden, list, S. Halland and Ostergötland.

Roman, 2437; Ichneumoniden aus dem Sarekgebirge, Schwed. Lappland 1 gen. n., 1 sp. n.

Sahlberg, 2502; *Chrysidae* Finlands.

Strand, 2845; Norway 2 spp. n., *Andrena* and *Halictus.*

Warnecke, 3085; *Tapinostola bondii.*

Lepidoptera.

Barca, 138; Norwegen *Macrolepidopteren* (Norw.).

Federley, 898; Zwei Schmetterlinge, Finland.

Forsius, 947; *Phalacropteryx graslinella.*

Frings, 962; Einige finnländische Formen.

Grönblom, 1114; *Pyrrhia umbra.*

Kennel, 1428; Siberia *Tortrix* sp. n.

Selzer, 2663; Sammelreise nach Schwedisch-Lappland.

Diptera.

Wahlgren, 3060; Schwedische *Dipteren* 1 gen. n., 1 sp. n.

Wahlgren, 3061; *Empididae* (Swedish).

Wahlgren, 3062; *Aschiza, Pipunculidae, Phoridae, Platypezidae* (Swedish).

Hemiptera.

Kiritshenko, 1474; *Heteroptera* vom Altai u. d. Gouv. Tomsk (Russ.).

Wuorentaus, 3196; Ostrobothnia borealis (Finnisch).

Psocoptera.

Enderlein, 812; *Copeognathen* Norwegens.

Odonata (or *Paraneuroptera*).

Bartenef, 147; Jenisseisk, Kobdo and Tomsk (Russ.).—**Bartenef, 148**; Transbaikalia *Odonata* 4 spp. n. (Russ.). —**Bartenef, 149**; Siberia *Somatochlora* 2 spp. n.—**Bartenef, 151**; Sibirien 2 spp. n. 3 var. nn. (Russ.).

(d) British Islands.

THE FAUNA AS A WHOLE.

Insecta, collectively.

Rare british insects, figures; **Champion & Lloyd, 466.**

Ectoparasites; **Waterston, 3102.**

Coleoptera.

Trechus subnotatus novelty; **Newbery, 1996.**

Laccobius sp. n.; **Sharp, 2682.**

Atheta picipennis novelty; **Joy, 1407.**

Lathrobium longipenne, novelty; **Nicholson, 2008.**

Gabrius 6 spp. n.; **Sharp, 2681.**

Oxytelus saulcyi novelty; **Joy, 1404.**

Olophrum nicholsoni sp. n.; **Donisthorpe, 730.**

Lesteva fontinalis novelty; **Newbery, 1995.**

Phyllodrepa sp. n. Schottland; **Luze, 1717.**

Cryptophagus sp. n.; **Joy, 1406.**

Cryptophagus bimaculatus novelty; **Halbert, 1154 & 1155.**

Enicmus sp. n.; **Joy & Tomlin, 1410.**

Corticaria 2 spp. n.; **Sharp, 2680.**

Ptilinus costatus ? introduced; **Taylor** p. 173 Ent. Rec. **22.**

Galerucella pusilla novelty; **Sharp, 2679.**

Galerucella sp. n.; **Fowler, 951.**

Crepidodera impressa novelty; **Sharp, 2678.**

Summary of 1909; **Beare, 164.**

Synonymical notes; **Newbery, 1997.**

Demand for new catalogue; **Edwards,** p. 69 Ent. Mag. **46.**

Ptenidium revised; **Britten & Newbery, 308.**

Colon the british; **Joy, 1408.**

Stenus localities; **Beare** p. 295 Ent. Rec. **22.**

Gonipterus lepidotus at Willesden; **Champion** p. 145 Ent. Mag. **46.**

Ptinus tectus localities; **Walker** p. 213 Ent. Mag. **46.**

Tychius revision, *haematopus* novelty; **Edwards 792**; also **Donisthorpe,** op. eod. p. 118.

Smicronyx, the species; **Edwards, 793.**

Rhopalomesites distribution; **Hardy** p. 44 Lancash. Nat. **3.**

Hymenoptera.

Aculeata novelties, *Halictus* sp. n.; **Saunders, 2524.**

Crabro 3 novelties; **Morice, 1925**

Ichneumonidae additions and corrections; **Morley, 1930.**

Ctenichneumon amputatorius novelty; **Morley** p. 37 Ent. Mag. **46.**

Helcon ruspator novelty; **Donisthorpe** p. liii Proc. ent. Soc. London **1910.**

Scelionidae 4 spp. n.; **Kieffer, 1458.**

Belytinae, Scottish list, novelties; **Cameron, 412.**

Diapriinae, Scottish list and British novelty; **Cameron, 413.**

Neurotoma mandibularis novelty; **Morice, 1924.**

Catalogue of *Chalcididae*; **Morley, 1933.**

Tenthredinidae localities, etc.; **Morley, 1932.**

Tenthredinidae notes, etc., continued; **Morice, 1923.**

Lepidoptera.

Grammodes algira introduced; Entomologist **43** p. 252.

Acrobasis rubrotibiella withdrawn; **Bankes, 116.**

Enarmonia ericetana novelty; **Bankes, 117.**

Cemiostoma susinella, novelty; **Bankes, 115.**

British *Rhopalocera*; **Tutt, 2986.**

Chrysophanus dispar; **Charnley, 477.**

Ocystola aethopis introduced; **Clutterbuck** p. 96 Entomologist **43.**

Xylophasia zollikaferi; **Tutt,** p. 221 Ent. Rec. **22.**

Dale coll., *Pyralidina*; **Walker** pp. 185–187 Ent. Mag. **46.**

Diptera.

Agathomyia elegantula and *zetterstedti* novelties; **Wood, 3193.**

Two novelties *Microdon* and *Ernoneura*; **Sharp, 2683.**

Phora revision completed, 31 spp. n.; **Wood, 3194.**

The British *Phoridae*; **Malloch, 1734.**

Conops signata novelty; **Collins, 578** & p. lxxi P. ent. Soc. London **1910.**

Fannia 2 spp. n.; **Malloch, 1735.**

Fannia insignis novelty; **Hardy, 1184.**

Muscidae acalyptratae additions and corrections; **Collin, 571.**

Aphaniptera.

Ceratophyllus sp. n.; **Waterston, 3101.**

Hemiptera.

Cyrtorrhinus geminatus, novelty; **Butler, 397.**

Poeciloscytus palustris novelty; **Butler, 398.**

Chloriona dorsata, novelty; **Butler, 396.**

Thysanoptera.

Three novelties; **Bagnall, 96.**

Trichothrips 2 spp. n.; **Bagnall, 99.**

Odonata (or *Paraneuroptera*).

Odonata in 1908; **Speyer, 2793.**

Odonata in 1909; **Lucas, 1687.**

British Odonata; **Webb, 3105.**

Orthoptera.

Orthoptera in 1909; **Lucas, 1686.**

Odontopsalis lewisi in Liverpool; **Lucas, 1684.**

Phasmid in Devonshire; **Kirby, 1470.**

Nyctibora sericea imported; **Meade-Waldo** Entomologist **43** p. 354.

Collembola.

Novelties; **Collinge** & **Shoebotham, 577.**

LOCAL LISTS.

Insecta, collectively.

Jersey and Guernsey, novelties; **Luff,** 1702.

Sark, novelties; **Luff, 1703.**

Shropshire; **Potts, 2255.**

Hastings, novelties; **Bloomfield, 243.**

Godalming; *Osmylus* and *Culex vexans*; **Dalgleish** p. 231 Zoologist **1910.**

Yorkshire reports; Naturalist **1910** pp. 50–54.

Scunthorpe Yorksh. *Col.* and *Lep.*; **Wallace** & **Mason** Naturalist **1910** pp. 393 & 394.

Kirkdale Yorksh.; **Thompson** p. 401 Naturalist **1910.**

Ireland *Neuroptera* s. l.; **King** & **Halbert, 1469.**

Coleoptera.

Cornwall *Cathormiocerus maritimus*; **Sharp** p. 71 & 90 Ent. Mag. **46.**

Bude, short list; **de la Garde** p. 91 Ent. Mag. **46.**

Seaton, short list; **Champion**, p. 261 Ent. Mag. **46.**

Devon and Newbury, *Laccobius scutellaris*; **Tomlin** p. 15 Ent. Mag. **46.**

Devon *Corymbites cupreus*; **de la Garde** p. 33 Ent. Mag. **46.**

Devon, long list; **de la Garde** Ent. Mag. **46** p. 115 & p. 206.

Devon, *Mononychus* and *Corymbites cupreus*; **Bucknill** p. 15 Ent. Mag. **46.**

Milford Hants, *Cath. maritimus* etc.; **Walker** p. 191 Ent. Mag. **46.**

Barton, Hants, notes; **Selous, 2660.**

New Forest; **Fowler** p. 14 Ent. Mag. **46.**

New Forest *Agabus brunneus*; **Selous** p. 214 Ent. Mag. **46.**

New Forest *Trichonyx sulciccollis*; **Walker** p. 213 Ent. Mag. **46.**

Isle of Wight, novelties; **Donisthorpe** p. 32 Ent. Mag. **46.**

Isle of Wight, novelties; **Taylor** p. 173 Ent. Rec. **22.**

Isle of Wight, novelties; **Taylor** p. 270 Ent. Rec. **270.**

Isle of Wight, *Platystethus alutaceus* etc.; **Newbery** p. 16 Ent. Mag. **46.**

Isle of Wight, *Longitarsus flavicornis*; **Beare** p. 71 Ent. Mag. **46.**

Andover, *Strangalia revestita*; **Harwood** p. xxviii Pr. ent. Soc. London **1910.**

Sussex, *Platystethus alutaceus*; **Nicholson** p. 33 Ent. Mag. **46.**

Hastings, Catalogue, pt. i; **Bennett 185.**

Lewes, *Galerucella pusilla*; **Dollman** p. 96 Ent. Rec. **22.**

Ditchling, long list; **Dollman** p. 297 Ent. Rec. **22.**

Ditchling; **Dollman** p. 70 Ent. Rec. **22.**

Berkshire, *Catops varicornis*; **Walker** p. 281 Ent. Mag. **46.**

Streatly, *Trichonyx maerkeli*; **Walker** p. 213 Ent. Mag. **46.**

Kent, *Oxytelus saulcyi*; **Cameron** p. 33 Ent. Mag. **46.**

Sheppey, *Hydroporus bilineatus*; **Walker** p. 30 Ent. Mag. **46.**

Woking, *Chaetocnema arida*; **Champion** p. 32 Ent. Mag. **46.**

Woking and Guildford; **Champion** p. 279 Ent. Mag. **46.**

London, *Xantholinus glaber*, *Gnorimus*; **Dollman** p. 96 Ent. Rec. **22.**

Hanwell; **Dollman** p. 296 Ent. Rec. **22.**

Harrow moles'-nest; **Dollman** p. 36 Ent. Rec. **22.**

Broxbourne, *Conosoma bipunctatum*; **Nicholson** p. 71 Ent. Mag. **46.**

Oxford, long list; **Walker** pp. 30–32 Ent. Mag. **46.**

Oxford, *Haemonia appendiculata*; **Walker** p. 238 Ent. Mag. **46.**

Oxford, *Lathrobium longipenne*; **Walker** p. 280 Ent. Mag. **46.**

Oxford, novelties; **Walker, 3065.**

Oxford, *Myrmecoxenus*; **Walker** p. 117 Ent. Mag. **46.**

Oxford, *Ceuthorrhynchus* etc.; **Walker** p. 144 Ent. Mag. **46.**

Oxford, *Holoparamecus* and *Aglenus*; **Walker** p. 91 Ent. Mag. **46.**

Royston, *Ceut. mixtus*; **Butler** p. 191 Ent. Mag. **46.**

Cambridge; **Dollman** p. 70 Ent. Rec. **22.**

Burwell fen, *Ptinella britannica*; **Donisthorpe** p. 116 Ent. Rec. **22.**

Wicken fen; **Beare** p. 115 Ent. Rec. **22.**

Suffolk novelties; **Tomlin** p. 191 Ent. Mag. **46.**

Norfolk, *Pterostichus aterrimus*; **Beare** p. 281 Ent. Mag. **46.**

Herefordshire, *Macronychus*; **Tomlin** p. 15 Ent. Mag. **46.**

Herefordshire, long list; **Tomlin, 2949.**

Herefordshire; **Tomlin** p. 189 Ent. Rec. **22.**

Delamere forest, list; **Dutton** p. 34 Ent. Mag. **46.**

Dutton, Cheshire, in badger's nest; **Dunlop** p. 15 Ent. Mag. **46.**

Derbyshire *Meloë brevicollis*; **Taylor 2919.**

Yorkshire; **Fordham** p. 23 Naturalist **1910.**

Yorkshire, *Amara curta*; **Thompson** p. 450 Naturalist **1910.**

Yorkshire, *Homalota nigricornis*; **Thompson** p. 176 Naturalist **1910**; other novelties *Id.* p. 203.

Spurn, Yorksh., short list; **Bayford** p. 343 Naturalist **1910.**

Teesdale, short list; **Thompson** p. 261 Naturalist **1910**; slag-heaps, **Walsh** t. c. p. 339.

Morecambe Bay, *Rhopalomesites*; **Armstrong** p. 16 Ent. Mag. **46.**

Gibisde, *Euplectus kunzei* etc.; **Bagnall** p. 261 Ent. Rec. **22.**

Cumberland, *Omalium brevicolle*; **Day** p. 35 Ent. Mag. **46.**

Cumberland; **Day** p. 1910 Ent. Mag. **46.**

Skiddaw, *Leistus montanus*; **Walsh** p. 16 Ent. Mag. **46.**

South Cumberland, short list; **Day** p. 90 Ent. Mag. **46.**

Newcastleton, brief list; **Barton** p. 189 Ent. Mag. **46.**

Scotland, *Strenus*; **Beare** p. 116 Ent. Rec. **22.**

Scotland, *Cryphalus abietis*; **Beare** p. 32 Ent. Mag. **46.**

Ayr, *Asemum striatum*; **Dunlop** Glasgow Natural. **2** p. 25.

Lanarkshire, *Haliplidae* and *Dystisidae*; **M'Leod, 1728.**

Clyde; **Fergusson** Glasgow Natural. **2** p. 131.

Clyde, additions; **Fergusson, 910.**

Glasgow, *Cryptamorpha*; **Fergusson** p. 238 Ent. Mag. **46** and Glasgow Nat. **2** p. 134.

Kinnoull Hill; **Sharp,** W. E., **2687.**

Braemar; **Donisthorpe** p. 202 Ent. Rec. **22.**

Mid-Ebudes, aquatic *Col.*; **Balfour-Browne, 105.**

Ireland, novelties; **Halbert, 1155.**

Ireland, *Scolytidae* novelties; **Forbes, 933.**

Ireland; **Sharp,** W. E., Irish Nat. **19** pp. 245–247.

Ireland, *Atheta picipennis*; **Cameron** p. 280 Ent. Mag. **46.**

Ireland, Rosapenna; **Johnson** p. 179 Irish Nat. **19**; **Morley** p. 185 Irish Nat. **19.**

Belfast, grain-beetles; **Johnson** Irish Nat. **19** p. 139.

Co. Meath, Irish novelties; **Nicholson** Irish Nat. **19** p. 93.

Lough Neagh, list; **Halbert, 1154.**

West Donegal, aquatic *Col.*; **Browne 320.**

Hymenoptera.

Guernsey, *Pezomachus*; **Luff, 1704.**

Cornwall, *Aculeata*; **Mortimer** p. 38 Ent. Mag. **46.**

Cornwall, *Hym. parasitica* novelties; **Rollason** p. 53 Entomologist **43.**

Cornwall, *Tenthredinidae*; **Clark, 507.**

New Forest, *Crabro aphidum*; **Arnold** p. 19 Ent. Mag. **46.**

London, *Ichneumonidae*; **Morley** Entomologist **43** p. 37.

London, *Ichneumonidae*; **Stenton** p. 66 Entomologist **43.**

Wimbledon, *Oedematopsis ops*; **Stenton** p. 294 Entomologist **43.**

Oxford, *Nomada argentata*; **Hamm** p. 263 Ent. Mag. **46.**

Selby, Yorksh., *Colletes daviesiana*; **Musham** p. 411 Naturalist **1910.**

Doncaster, *Oxybelus uniglumis*; **Corbett** p. 450 Naturalist **1910.**

Halifax, *Aculeata*; **Silverlock** p. 13 Naturalist **1910.**

Warrington, *Aculeata* annotated list; **Dunlop** Lancash. Nat. **3** pp. 91–94 137–139.

Scotland, Highlands, long list; **Morley** p. 36 Ent. Mag. **46.**

Ayrshire and Arran; **Clark, 508.**

Skye; **Mortimer** p. 39 Ent. Mag. **46.**

Poyntzpass, *Aculeata*; **Johnson** p. 48 Irish Nat. **19.**

Lepidoptera.

Guernsey, *Nola abulalis* etc.; **Lowe** p. 167 Rep. Guernsey Soc. **1910.**

Cornwall; **Mannering** Entomologist **43** p. 318.

Cornwall, *Aporophyla* record erroneous; **Rollason** p. 38 Entomologist **43.**

Falmouth, *Arctomyscis myricae*; **Whitley** p. 264 Ent. Rec. **22.**

Devon, *Epicnaptera ilicifolia*; **Monk** p. 295 Entomologist **43.**

Devon, *Retinia*; **Metcalfe** Entomologist **43** p. 314.

N. Devon, *Ortholitha bipunctaria*; **Briggs** p. 71 Ent. Rec. **22.**

Isle of Wight, *Thymelicus actaeon*; **Taylor** p. 240 Ent. Rec. **22.**

Sussex; **Alderson** Ent. Rec. 22 pp. 197–199.

Abbot's Wood, Sussex; **Coulson** Ent. Rec. 22 pp. 248–254.

Horsham, local list; Rep. Christ's Hosp. Soc. 1910 pp. 21–40: phaenology **White** T.c. pp. 17–20.

Haslemere; **Oldaker** Entomologist **43** pp. 145–147.

Folkestone; **Bell** pp. 174–176 Ent. Rec. 22.

Folkestone, *A. lathonia*; **Salamon** p. 227 Entomologist **43.**

Surrey, *Coremia 4-fasciaria*; **South** p. 227 Entomologist **43.**

Surrey, *Coremia 4-fasciaria*; **Cardew** *Senta maritima* **Richards,** Entomologist **43** p. 251; also **Baynes** p. 293 & **Jackson** p. 294 t.c.

Surrey, *Euvanessa antiopa*; **Parker** p. 119 Entomologist **43.**

Surrey, *Gracilaria populetorum*; **Thurnall** p. 36 Ent. Mag. **46.**

Woking *Trichoptilus paludum*; H. **Champion** p. 239 Ent. Mag. **46.**

Wimbledon; **Cardew** p. 268 Ent. Rec. **22.**

S.W. London, *Microlepidoptera*; **Sich** p. 222 Ent. Rec. **22.**

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Rugby, 1909; **Buxton** Rep. Rugby Nat. Hist. Soc. **1909** pp. 53–63.

Bucks; **Raynor** p. 44 Ent. Rec. **22.**

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Herefordshire, *Limenitis*; **Tomlin** p. 45 Ent. Rec. **22.**

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Southport, *Luperina gueneei*; **Clutten** p. 65 Entomologist **43.**

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Kendal; **Littlewood** pp. 252–255 Entomologist **43.**

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Caithness; **Jackson** pp. 223–225 Ent. Rec. 22.

Ireland, *Leucania loreyi*; **Mathew** p. 282 Ent. Mag. **46** & p. 351 Entomologist **43.**

Enniskillen, *Hydroecia crinanensis*; **Burrows** p. 117 Ent. Rec. **22.**

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Malham, Yorks., *Tinodes dives*; **Porritt** p. 192 Ent. Mag. **46.**

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Peterborough, *Aphelocheirus*; **King 1468.**

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Yorkshire, *Leuctra*; **Porritt** p. 117 Naturalist **1910.**

Huddersfield, *Nemoura*; **Porritt** Ent. Mag. **46** p. 119.

Odonata (or *Paraneuroptera*).

Surrey; **Lucas, 1688.**

Surrey, annotated list; **Lucas**, J. R. H. S. Garden Cl. **2** 1909.

S.W. Surrey; **Dalgleish, 641.**

King's Lynn, *Ae. isoceles*; **Atmore** Entomologist **43** p. 293.

Scotland, list; **Lucas, 1683.**

Thysanura and Collembola.

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(e) Central and Eastern Europe.

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Bondroit, 266; Belgium *Staphylinidae* novelties.

Nureiher, 1984; Insektenfaune des Rheins, Systematik, Faunistik, Biologie, *Ecdyurus* sp. n.

Bäbler, 87; Alpen *Isotoma* n. sp.

Ghidini, 1046a; Ticino novelties.

Weiss, 3126; Herzogtum Sachsen-Meiningen.

Escherich & Baer, 843; Tharandter zoologische Miszellen.

Meissner, 1812; Bemerkenswerte Ereignisse des Jahres 1909 in Potsdam.

Petri, 2134; Schässburg.

Schulz, 2632; Biologische und faunistische Notizen, schlesische.

Schuster, 2644; Wiederkehr tertiärzeitlicher Verhältnisse.

†Handlirsch, 1175; Oberkarbon Westfalens *Synarmoge* n. gen.

Petersen, 2127; Roumania *Neuroptera* s. l.: **Montandon, 1908.**

Jacobson, 1344; Zur Entomofauna des Umgebung von Jekaterinburg (Russ.).

Skorikov, 2725; Inecten des Ladoga-Sees und der Neva (Russ.).

Zaitzev. 3209. Coleopteren und Hymenopterm, Donischen Kosaken. (Russ.)

Zykov. 3232. Zur Fauna des Gebietes der Donischen Kosaken. (Russ.)

Coleoptera.

Meyer, 1855. *Acalles*-Arten.

Holstebroe, 1275; Danish *Choleva* (Danish).

Schilsky, 2555; Dänemark *Mordellistena* sp. n.

Everts, 869 & 870; Netherlands Novelties.

Guilleaume, 1139; Belgium novelties.

Borgers, 274; *Scolytus* Niederrhein.

Bourgeois, 285; Catalogue des *Coléoptères* de la chaîne des Vosges et des régions limitrophes.

Gerhardt, 1037; Verzeichnis der Käfer Schlesiens.

Gerhardt, 1034, 1035 & 1036; Neuheiten schlesischen.

Hartmann, 1187; Baden Beiträge.

Hubenthal, 1306; Ergänzungen zur Thüringer Käferfauna.

Hubenthal, 1307; *Dichotrachelus*, novelty.

Köster, 1522; *Carabus irregularis*, Westfalen.

Stern, 2815; Verzeichnis der Hamburger Käfer.

Vorbringer, 3047; Sammelbericht Ostpreussen.

Born, 275a; Monte Generoso *Carabidae*.

†Handlirsch, 1170; Neuer Jura-Laufkäfer.

Fleischer, 924; Mähren.

Formánek, 944; Siebenbüngen *Otiorrhynchus* sp. n.

Holdhaus, 1263; Zoogeographie der Karpathen.

Jeannel, 1364; *Leptodirus* de Carinthie.

Meixner, 1821; Zirknitzer See.

Müller, 1951; 2 neuer Höhlensilphiden.

Pehr, 2104; Verbreitung der Carabini in Kärnten.

Penecke, 2109; *Brachysomus* sp. n. Bukowina.

Pfeifer, 2144; Prenjgebiet.

Prossen, 2260 & 2261; Kärnten Nachtrag.

Rapp, 2297; Sammelreise nach Kärnten.

Reitter, 2344; Croatia *Trechus* sp. n.

Reitter, 2353; *Neuraphes* sp. n. Transsylvanischen Alpen.

Roubal, 2466; Julischen Alpen.

Wichmann, 3150; *Pityophthorus* sp. n. Krain.

Wohlberedt-Triebes, 3181; Sandschak Novipazar.

Csiki, 628; Hungary 2 spp. n. *Neuraphes* and *Euplectus*.

Csiki, 629; Buprestiden Ungarns.

Csiki, 631; Nachtrag Ungarns (Ungarisch).

Csiki, 632; Carabiden Ungarns spp. n.

Csiki, 633; Ungarns *Scolytidae*.

Kaufmann, 1419; Coleopterologische Notizen (Ungarisch).

Mensel, 1830; Velebit (Ungarisch).

Mihók, 1877; Ungarns (Ungarisch).

Pillich, 2207; Verzeichniss Simontornya.

Szombathy, 2904; Elateriden Ungarns.

Szombathy, 2905; *Idolus* n. sp.

Jacobson, 1346; Verbreitung der *Monochamus*-Arten in Russland (Russ.).

Jakovlev, 1350; *Coleoptera* des Gouv. Vjatka (Russ.).

Jatzentkovsky, 1360; Verbreitung der *Staphyliniden* im Russischen Reiche (Russ.).

Lutshnik, 1709; *Cicindeliden* und *Carabiden* der russischen Fauna (Russ.).

Olsonfiev, 2053; Gouv. Walhynien, *Carabiden* (Russ.).

Reitter, 2350; Sebastopol *Nemosoma* sp. n.

Roubal, 2467; Littauen, *Crypturgus* sp. n.

Smirnov, 2736; Südrussland *Otiorrhynchus* 1 sp. n.

Smirnov, 2737; *Curenlioniden* des Gouv. Linblin (Russ.).

Hymenoptera.

Kieffer, 1443; *Acolus* sp. n.

Ussing, 2996; *Prestwichia aquatica* new to Danish fauna.

Rohwer, 2429; *Pteronus* sp. n. Holland.

Schulz, 2634; Overmeire lake *Ceratopria* sp. n.

Alfken, 23; *Apiden* Oetpreussen.

Enslin, 825; *Holcocneme* sp. n. Deutsch.

Gehrs, 1030; Hannoverlandes *Apidae*.

Habermehl, 1145; Niederrhein *Homotropus* n. sp.

Habermehl, 1146; *Microcryptus* n. sp.

†Handlirsch, 1171; Oligocene Germany, *Eumenes* sp. n.

Müller, 1952; Vordringen südlicher solitärer Bienen und Wespen in der Mark.

Pfankuch, 2142; *Hemiteles* sp. n.

Schimmer, 2557; *Ameisen*fauna des Leipziger Gebietes.

Schirmer, 2560; *Chrysididen* Berlins.

Ulbricht, 2988; *Ichneumoniden* Krefelds, 5 spp. n.

Ulbricht, 2989; Niederrheinische Blattwespen.

Bettelini, 216a; Locarno *Cynips*.

Jacob, 1333; *Prosopis*.

Jacob, 1334; *Hymenoptères* parasites.

Schulz, 2633; Geneva *Anagrus* sp. n.

Mocsáry, 1899; Hummelfauna Ungarns (Ungarisch).

Mocsráy, 1897; Oryssus n. sp. Kroatien.

Zdobnitzky, 3220; *Ameisen*fauna Mährens.

Montandon & Santschi, 1916; Roumania *Formicidae*.

Skorikov, 2724; Südostrussland *Bombus*, varr. n.

Solovjev, 2774; Warschau *Clavellaria ameriana* (?) (Russ.).

Vinogradov-Nikitin, 3043; Hummeln von Briansk (Russ.).

Lepidoptera.

Snellen, 2762; Niederländische.

Bandermann, 112; Der Goitzsche.

Brake, 295; *Makrolepidopteren*fauna Osnabrücks.

Gillmer, 1062; *Chrysophanus virgaureae* zwischen Lenzen und Harburg.

Gillmer, 1056; Uebersicht Schwerin und Waren.

Goltz, 1074; Die Erebien des Grödner Tales.

Heinrich, 1213; Pommersche Gross-Schmetterlinge. Besprechung und Ergänzung von: „Die in Neuvorpommern bisher beobachteten Grosschmetterlinge . . . von Prof. Dr. Karl Spormann".

Kohlenberg, 1525; Grossschmetterlinge Braunschweig.

Lumm, 1705; Krefeld *Noctuidae*.

Meder, 1800; Sammelbericht Kieler Gegend.

Meess, 1802; Baden, Nachtrag zu Reutti's *Lepidopteren*-Fauna, *Tachyplilia* sp. n.

Möbius, 1900; Grossschmetterlingsfauna Sachsens.

Petersdorff, 2126; *Polia rufocincta* Berlin.

Peyerimhoff, 2135; Catalogue des *Lepidoptères* d'Alsace.

Richter, 2381; Umgegend Stettins.

Schmidt, 2575; *Mikrolepidopteren* Nieder-Schlesiens.

Spormann, 2795; Neuvorpommern *Makrolepidopteren*.

Warnecke, 3086; *Makrolepidopteren*fauna der Niederelbe.

Warnecke, 3087; Schleswig.

Warren, p. 91 Ent. Rec. **22**; Black forest *Rhopalocera*.

Alderson, Ent. Rec. **22** pp. 183–187 205–210 etc.; Rhone Valley *Rhopalocera*.

Buren, 356; Schmetterlingssamlung im Alpinen Museum in Bern.

Christ, 505; Catalogue, Jura Neuchâtelois.

Costantini, 600; Alpi centrali.

Courvoisier, 601a; Basle *Lycaenidae*.

Earl, Ent. Rec. **22** pp. 165–168; Sierre *Rhopalocera*.

Gramann, 1090; Simplon.

Lowe, Ent. Rec. **22** p. 34; Locarno *Rhopalocera*.

Meyrick, 1864; Switzerland *Cnephasia* sp. n.

Müller-Rutz, 1954; Thurgau *Microlepidoptera*.

Oldaker, Entomologist **43** pp. 99–101; Valais and Vaud.

Page Rosa. Ent. Rec. **22** pp. 125–129; Rhone Valley.

Seiler, 2651; Bombyciden und Noctuiden Liestal, Nachtrag.

Tutt, pp. 77–80 Ent. Rec. **22**; Staefa bog.

Binder, 232; *Macrolepidopteren* von Gratzen Südböhmen.

Hafner, 1149; *Makrolepidopteren* von Görz und Umgebung.

Hauder, 1193; *Gracilaria* sp. n. Oesterreich.

Hoffmann, 1256; Ausflug in Steiermark.

Hoffmann, 1260; Auszug steirischer Arten.

Hormuzaki, 1283; *Mikrolepidopteren* Bukowina.

Nickerl, 2009; *Pterophoridae* und *Orneodidae* Böhmens.

Rebel, Verh. z.-b. Ges. Wien **1910** p. (89); *Hydroecia moesiaca* Oesterreich-Ungarn.

Schawerda & Rebel, 2536; Herzegowina and Bosnia, *Adela, Brachmia, Coleophora, Ptocheusa* und *Pseudatemelia* n. gen.

Schwingenschuss, Verh. z.-b. Ges. Wien 1910 p. (18); *Caradrina rougemonti* Oesterreich-Ungarn.

Sheldon, 2689; Austro-Hungary *Rhopalocera.*

Tutt, Ent. Rec. **22** pp. 149–151; Vorarlberg, trip: Sarnthal, Id. pp. 156–159: Mendel pass; Id. pp. 160–163: Meran; Id. pp. 178–180; Neu Spondinig; Id. pp. 180 & 181.

A.-Aigner, 1; Tagfalter Ungarns (Ungarisch).

A.-Aigner, 2; Von Kroatien und Dalmatien (Ungarisch).

Pillich, 2205; Simontornya.

Schmidt, 2566; Hungary *Crambus* n. sp.

Salay, 2510; Roumania, Catalogue.

Brunicki, 347; Liste de Stryj (Polish).

Hirschler & Romaniszyn, 1249; *Macrolépidoptères* de Léopol.

Klemensiewicz, 1506; Nouveaux ou peu connus, Galicie.

Blöcker, 242; *Macrolepidopteren* des Gouv. St. Petersburg (Russ.).

Čistovskij, 506; Gouv. Pskov (Russ.).

Diadčenko, 688; *Lepidopteren*fauna von Stavropol (Russ.).

Krulikovsky, 1567; Gouv. Ufa (Russ.).

Philipjev, 2145; *Macrolepidoptera* Novgorod.

Pöschmann, 2217; *Pericallia matronula* im westlichen Russland: **Slevogt, 2730.**

Zhuravlev, 3223; *Lepidopteren* des Ural-Gebietes (Russ.).

Trichoptera.

Martynov, 1775; *Trichoptera* des Gouv. St. Petersburg (Russ.).

Neuroptera.

Petersen, 2131; Danish *Odonata, Ephemerida, Plecoptera* and *Copeognatha* (Danish).

Petersen, 3128; New Danish *Neuroptera* and *Trichoptera* (Danish).

†**Enderlein, 818**; Amber gen. n. *Coniopterygidae.*

Dziędzielewicz, 780; Poland *Neuroptera* genuina et *Archiptera.*

Pongrácz, 2221; Hungary *Myrmeleon* sp. n.

Diptera.

Oldenberg, 2044; Akalypteren 4 spp. n.

Lundbeck, 1706; Diptera danica, Part 3, *Empididae.*

Goetghebuer, 1070 & 1071; Belgium *Culicidae* novelties.

Willem & Kieffer, 3163; Belgium *Cricotopus* sp. n.

†**Cockerell, 537**; Amber, 3 spp. n. *Homoptera* and *Diptera.*

Enderlein, 815; *Anarete* sp. n.

Grünberg, 1133; *Diptera* Süsswasser Deutschlands.

Kramer, 1548; Oberlausitz *Arrhinomgia* sp. n.

Kramer, 1549; Germany *Lucilia* sp. n.

Kröber, 1562; Verzeichnis der Umgegend von Hamburg.

Kröber, 1563; Tabaniden des Niederelbgebietes.

†**Meunier, 1841**; Monographie der Leptiden und der Phoriden des Bernsteins.

Peets, 2103; Conopiden Hannover.

Rübsaamen, 2483; Deutsche Gallmücken und Gallen, many spp. n.

Schroeder, 2607; Pommerns.

Speiser, 2785; Dipterologische Besuch im Samland.

Winckler, 3178; Sachsens.

Wolff, 1216; *Itonida* n. sp.

Jacob, 1334; Diptères parasites.

Jacob, 1336; Neuchâtel, *Tabanus*.

Röder, & Schulze 2416; *Leptomorphus walkeri*.

Czizek, 637; Mährens, Nachtrag.

Landrock, 1594 & 1595; Beitrag Mährens.

Kertész, 1438; Die ungeflügelten und rudimentärflügeligen Ungarns, *Philygria* sp. n. (Ungarisch u. lateinisch).

Leon, 1617; Culicides de Roumanie.

Leon, 1618; Buveurs de sang Roumanie.

Leon, 1619; Moustiques de Roumanie.

Dziedzicki, 779; *Rymosia* spp. n.

Schneider, 2586; *Chionea araneoides* in Livland.

Aphaniptera.

Dampf, 6471; Ostpreussen *Palaeopsylla* sp. n.

Dampf, 648; Aphanipterenfauna.

Hemiptera.

MacGillavry, 1726; Angaben niederländische Homopteren (Holländisch).

†**Bervoets, 212**; Ambre de la Baltique, spp. n.

Hüeber, 1309; Synopsis der deutschen Blindwanzen.

Hüeber, 1310; Catalogus faunae germanicae *Hemiptera heteroptera*.

Meess, 1801; Beitrag zur Hemipteren-Fauna Badens.

Reichensperger, 2314; Rheinland.

Scherdlin, 2551; Alsace *Cicada plebeia*.

Horváth, 1289; Hungary *Clinocoris* sp. n.

Horváth, 1293; *Erythroneura* n. sp.

Borcea, 268; Roumania Catalogue.

Smreczyński, 2759 & 2760; Remarques, Galicie.

Cholodkovsky, 493; Aphidae der Krim.

Kiritshenko, 1474; Gouv. Wologda, *Heteroptera* (Russ.).

Kiritshenko, 1475; Altai *Phimodera* sp. n. (Russ.).

Kiritshenko, 1477; *Heteropteren* der Krim, *Lygaeidae* sp. n.

Reuter, 2375; Mitteilungen über *Hemiptera-Heteroptera* des Russischen Reiches.

Anoplura.

Fahrenholz, 878; Germany Neue Läuse.

Fahrenholz, 879; 2 spp. n.

Thysanoptera.

Bagnall, 93; Hungary spp. n.

Karny, 1417; Wiener Gegend neue *Thysanopteren*.

Schmutz, 2584; Neue *Thysanopteren* genera.

Ephemeroptera.

Morton, 1941; Carpathians *Baëtis* sp. n.

Petersen, 2129; sp. n. *Ephemerida* Denmark.

Odonata (or *Paraneuroptera*).

Bartieniev, 153; Kubangebiet *Odonata* (Russ.).

Bartieniev, 154; Zur Odonatenfauna Russisch-Polens (Russ.).

Leonhardt, 1621; Uebersicht der Libellen Mitteleuropas.

Remkes, 2359; Hülserbruchs. Krefeld.

Rosenbaum, 2438; Libellen von Halle.

Schirmer, 2561; Markische Libellen.

Orthoptera.

Ramme, 2294; Ueber das Vorkommen von *Chrysochraon dispar* Berlin.

†**Shelford, 2693**; Baltic amber *Blattidae*, spp. n.

Wanach, 3075; Notizen über Orthopteren.

Ebner, 785; Neusiedlersee, Niederösterreich und Tirol.

Ebner, 786; Guntramsdorf Niederösterreich.

Jablonowski, 1326; *Stauronotus maroccanus* Ungarn.

Puschnig, 2271; Kärnten.

Werner, 3131; Waldviertels.

Miram, 1881; St. Petersburg *Platycleis roeseli* var. *diluta*.

Shugurov, 2700; Orthopterofauna des Gouv. Wjatka etc. (Russ.).

Uvarov, 2998; Ural-Gebiet, *Acridiodea* 3 spp. n., *Locustodea* spp. n.

(f) France.

Insecta, collectively.

Bruyant, 348; Monts Dore.

Coleoptera.

Bedel, 175; *Scarabaeidae* bassin parisien.

Chobaut, & Lesne 492; Dispersion en France de *Psoa dubia*.

Dufour, 759; Excursions Puy-de-Dôme.

Dufour, 760; *Niptus hololeucus* Auvergne.

Hustache, 1316; Dôle.

Jeannel, 1365; *Speonomus* Pyrénées orientales.

Lowe, pp. 9–11 Ent. Rec. **22**; Digne and La Grave.

Méquignon, 1832; Vendômois.

Mercier, 1838; *Niptus hololeucus* à Nancy.

Molladdin de Boissy, 1906; *Staphylinus chloropterus*, Provence.

Pic, 2150; Catalogue de Saône-et-Loire.

Pic, 2161; Divers.

Sainte-Claire Deville, 2503; Contribution.

Sainte-Claire Deville, 2505; *Coryphium* nouveau

Hymenoptera.

Loiselle, 1659; Tenthrédine nouvelle.

Lepidoptera.

Abeille, 3; Zygènes de Marseille.

Ashby, Entomologist **43** p. 317; Fontainebleau *Rhopalocera*.

Demaison, 678; Pyrénées.

Gélin, 1032; *Sesia* nouvelle.

Gibbs, 1048; Jura *Rhopalocera*.

Joannis, 1379; Nouveau genre de *Galleriinae*.

Joannis, 1380; Géléchiides 2 spp. n.

Keynes & Keynes, Ent. Rec. **22** pp. 108–110; Pyrenees *Rhopalocera*.

Picquenard, 2188; Critique du Catalogue de Bretagne de W. Griffith.

Picquenard, 2189; Finistère.

Prideaux, 2257; Puy de dome *Rhopalocera*.

Rowland-Brown, 2475; excursion, Mont Ventoux etc.

Tetley, Ent. Rec. **22** pp. 57–60; East Pyrenees.

Walsingham, 3068; 3 spp. n., *Megacraspedus*, *Ethmia* and *Coleophora*.

Trichoptera.

Morton, 1940; Laruns *Polycentropus* sp. n.

Neuroptera.

Navás, 1969; *Sympherobius* sp. n.

Diptera.

Lesne, 1628; *Phlebotomus pappatasii* en Bourgogne.

Villeneuve, 3031; 7 spp. n., gen. n., *Rhinophora*, *Wagneria*, *Catanemorilla*, *Bothria*, *Ceratochaeta*, *Minthodes* and *Baumhaueria*.

Hemiptera.

Lambertie, 1590; nouveaux pour la Gironde.

Peneau, 2108; Notules.

Pic, 2158; collection des Gozis.

Pic, 2179; captures.

Embioptera.

Rimsky-Korsakov, 2401; Fauna von Ville-Franche (Russ.).

Paleodictyoptera.

†Meunier, 1845; Commentry *Cockerellia* sp. n.—**†Meunier, 1844**; Commentry *Microdictya* sp. n.

Orthoptera.

Aremberg, 56; *Bacillus gallicus*, Cher.

Gélin, 1031; Captures.

Lesne, 1631; *Apterygida arachidis* à Paris; Paris.

(g) South Europe and Mediterranean Basin.

Insecta, collectively.

Bickhardt, 230; Exkursion nach dem innersten Korsika.

Sardinien, Faunistische, systematische, biologische und literarische Notizen; **Krausse, 1554.**

Navás, 1978; Melilla brief list.

Swinton, 2895; The old inhabitants of a Jerusalem garden.

Coleoptera.

Abeille, 5; Buprestides méditerranéens.

Luze, 1716; *Scopaeus elegans*, 2 spp. n. Libanon und Italien.

Heikertinger, 1210; *Orestia* sp. n.

Fuente, 1004; Balearic islds. *Syncalypta* sp. n.

Fuente, Bol. Soc. Aragon. **9** p. 273; Alicante *Acmaeodera rufomarginata*, Mallorca *Smicronyx kiesenwetteri* and *Acalles carinicollis*.

Jeannel, 1362; Silphides cavernicoles Pyrénées catalanes.

Jeannel, 1368; cavernicoles de Catalogne 2 spp. n.

Schramm, 2600; Spain *Dorcadion* 3 spp. n.

Paganetti-Hummler, 2071; Halticinenfauna Mittel- und Süditaliens.

Gestro & Dodero, 1046; Italy, 2 spp. n. *Anophthalmus* and *Bathyscia*.

Netolitzky, 1992; Sardinia *Bembidion* sp. n.

Sainte-Claire Deville, 2507; Catalogue de la Corse.

Cameron, 410; Malta *Astenus* sp. n.

Apfelbeck, 55; Balkanhalbinsel.

Kendi, 1427; Beiträge Bosniens.

Matits, 1784; *Harpalus* u. *Planeustomus* Serbien.

Müller, 1950; *Homaloplia* u. *Saprinus*, spp. n., Mazedonien.

Pfeifer, 2143; Eine bisher unerforschte Höhle Nordwest-Bosniens.

Rambousek, 2292; Staphyliniden Dalmatiens.

Reitter, 2336; *Helmis* sp. n. Bosnien.

Reitter, 2345; Dalmatia *Bathyscia* sp. n.

Roubal, 2465; Bulgarien *Anaspis* 3 spp. n.

Wagner, 3056; Dobrudscha *Apion* sp. n.

Zoufal, 3226; Mostar, Ausflug.

Bickhardt, 229; Asia minor *Saprinus* sp. n.

Reitter, 2333; Hochsyrien *Notodoma* sp. n.

Reitter, 2347; Jerusalem *Psilachnopus* sp. n.

Zaitzev, 3210; Asia minor *Dytiscidae* 1 sp. n.

Abeille, 4; 2 spp. n.

Bedel, 174; *Deltomerus* sp. n. Maroc.

Formánek, 945; Algeria *Trachyphloeus* sp. n.

Normand, 2017; Faune tunisienne.

Peyerimhoff, 2136; revision des *Limnobius* du nord de l'Afrique.

Peyerimhoff, 2137; Faune cavernicole du Djurdjura.

Pic, 2173; *Trotomma* Algérie.

Escalera, 835; Marruecos 3 spp. n. *Machlasida* and *Zonabris*; and **836**, gen. n. *Cantharidae* and *Sitaris* sp. n.

Strepsiptera.

Hofeneder, 1253; Algeria gen. n.

Hymenoptera.

Marchal, 1748; Braconide nouveau parasite du *Dacus oleae*.

Vachal, 3001; Spain and Marocco, *Apidae* 6 spp. n.

Mercet, 1835; Spain *Ancistromma* 2 spp. n.

Mercet, 1836; Spain *Astata* sp. n.

Lepri, 1622; Lazio, *Chrysidae*.

Mantero, 1744; Liguria Formicidi, Crisidi, Mutillidi, Braconidi, Cinipidi.

Zavattari, 3217; Isola d'Elba.

Zavattari, 3219; Valle del Roja.

Kohl und Handlirsch, 1524; *Gorytes* Korsika, *Pompilus* Barcelona, spp. n.

Krausse, 1552; Hummelleben auf Sardinien.

Klaptocz, 1494; Reise nach Nord-Albanien.

Enslin, 826; Asia minor *Lyda* sp. n.

Forel, 937; Syria *Aphaenogaster* 2 spp. n. and *Hagioxenus* gen. n., Crete list and *Epixenus* sp. n., Greece list and *Messor* sp. n.

Kieffer, 1445; Gallwespe der Korkeiche, *Andricus peyerimhoffi* n. sp.

Saunders, 2525; Fossoria 17 spp. n.

Strand, 2842; Provinz Constantine 7 spp. n.

Szabo, 2898; *Aphaenogaster* sp. n.

Lepidoptera.

Chapman, 475; *Callophrys avis* ocalities.

Mendes, 1825; Portugal 2 spp. n., *Nepticula* and *Coleophora*.

Mendes, 1827; annotated lists.

Mendes, 1829; 4 spp. n., *Nepticula* and *Lithocolletis*.

Keil, 1421; Sierra de Espuña.

Melcón, 1823; Cuenca *Rhopalocera* annotated catalogue.

Ribbe, 2377; Andalusien Macrolepidopteren.

Ribbe, 2379; Andalusien.

Mendes, 1828; Rome annotated list.

Osthelder, 2064; Tal von Cogne.

Simes, Ent. Rec. **22** pp. 231–236; Brindisi notes.

Wheeler, Ent. Rec. **22** pp. 254–258 etc.; Abruzzi *Rhopalocera*.

Muschamp, Ent. Rec. **22** pp. 141–143; Corsica *Rhopalocera*.

Pionneau, 2208; Liste Sicile et Sardaigne.

Rebel, 2303; Ionischen Inseln, 2 spp. n., *Ephestia* and *Argyresthia*.

Drenowsky, 734; Des höchsten Teils des Zentral-Balkans.

Drenowsky, 735; Vertikale Verbreitung der Lepidopteren auf dem Ryla-Gebirge (2924 m) in Bulgarien.

Fáborsky, 876; Sammeltour im slavischen Süden.

Rebel, 2300; *Sesia* sp. n. Albanien.

Graves, p. 225 Ent. Rec. **22**; Beirut *Virachola livia*.—**Graves**, pp. 271–273 T.c. etc.; Syria.

Thierry-Mieg, 2932; Syria *Acidalia* sp. n.

Andreas, 41; Algeria *Herminia* n. sp.

Chrétien, 500; Biskra *Eucrostes* sp. n.

Chrétien, 502; Tunisie 2 spp. n., *Somabrachys* and *Diplura*.

Hampson, 1163; Egypt *Cossus* sp. n.

Lucas, 1669; Deux nouveaux d'Algérie et de Tunisie.

Oberthür, 2025; Espèces nouvelles algériens.

Trichoptera.

Eaton, p. 19 Ent. Mag. **46**; Algeria *Chimarrha marginata*.

Neuroptera.

Navás, 1973; Greece *Chrysopa* 3 spp. n.

Navás, 1978; Catalonia and Mallorca *Chrysopa* sp. n.

Diptera.

Surcouf, 2873; Tabanides nouveaux.

Becker, 170; Sammelreise nach Korsika, many spp. n.

Becker, 171; *Ortalidae* 3 spp. n. aus Syrien und Kleinasien.

Nedelkow, 1981; Bulgariens, Beitrag.

Newstead & Carter, 2006; Greece *Pyretophorus* sp. n.

Villeneuve, 3028; Nord Afrique 4 spp. n.

Villeneuve, 3034; *Argyramoeba*, *Dysmachus*, *Stichopogon*, spp. n. Algier und Tunis.

Willcocks, 3159; Cairo *Calicidae*.

Sergent, 2673; Moustiques de l'Afrique du Nord.

Kieffer, 1444; Chironomides.

Aphaniptera.

Rothschild, 2454; Portugal *Ctenophthalmus* spp. n.

Hemiptera.

Lesne, 1627; Bassin oriental de la Méditerranée *Icerya purchasi.*

Marchal, 1749; Cochenilles de l'Olivier en Tunisie.

Newstead, 2003; Cairo *Dactylopius* sp. n.

Pic, 2179; Captures, Algérie.

Schmidt, 2567; *Megastethodon* sp. n., *Notoscarta* spp. n.

Odonata (or *Paraneuroptera*).

Bentivoglio, 186; *Lindenia tetraphylla* in Italia.

Orthoptera.

Ebner, 787; Ein Beitrag, Türkei and Albanien, *Gryllomorpha* sp. n.

(h) Caucasus, West & Centr. Asia.

Coleoptera.

Barovsky, 145; Buchara and Persia *Lithophilus* sp. n.

Briansky, 306; Kaukasus neue *Carabus*-Formen.

Fleischer, 921; *Troglops reitteri* sp. n. aus Turkestan.

Jacobson, 1343; Transcaucasia *Chrysomelidae* spp. n.

Kiseritzky, 1491; *Aethiessa* and *Potosia* 2 spp. n.

Kniž, 1514; Tibet und Turkestan *Hydrophilidae*, *Laccobius* sp. n.

Koschantschikov, 1542; Gebiet Akmolinsk, Transkaspien *Aphodius* 2 spp. n.

Netolitzky, 1991; *Bembidion* spp. n.

Petri, 2133; *Liparus* sp. n.

Pliginski, 2213; Transcaucasia, Transcaspia, Semiretshje *Meloë* 2 spp. n.

Reitter, 2329; Transcaspian *Xenonychus* sp. n.

Reitter, 2330; Transcaspian, *Tenebrionidae*, gen. n.

Reitter, 2336; *Hister* sp. n. Turkestan.

Reitter, 2337; Fergana *Atemeles* sp. n.

Reitter, 2339; Transkaspien *Thorictus* 2 spp. n.

Reitter, 2354; *Bembidion* sp. n. Circassien.

Reitter, 2356; Transcaspian *Mariouta* sp. n.

Schmidt, 2565; *Aphodius* sp. n.

Semenov, 2667; Transcaspia *Argyrophana* 3 spp. n.

Semenov, 2668; Coleopterenfauna der Kirgisensteppen 5 spp. n.

Suvorov, 2875; Alatau, Semiretshje *Compsodorcadion* spp. & subspp. n.

Suvorov, 2876; *Deracanthus* 2 spp. n.

Weise, 3120; *Chrysomela* sp. n. Persien.

Hymenoptera.

Cockerell, 518; Persia *Anthophora* sp. n.

Cockerell, 519; Persia and Muscat 3 spp. n., *Megachile*, *Nomia* and *Camptopoeum*.

Karawajew, 1415; *Formicidae* aus Transkaspien und Turkestan 1 sp. n. & 1 subsp. n.

Meade-Waldo, 1798; 2 spp. n., Persia *Jugurtia*, Arabia *Elimus*.

Skorikow, 2722; Caucasus septentr., *Bombus* varr. n. (Russ.).

Turner, 2980; Aden *Anthobosca* sp. n.

Lepidoptera.

Avinov, 80; Ostpämir 2 spp. n. (Russ.).

Avinov, 81; Ferghana *Rhopalocera* sp. n. (Russ.).

Jachontov, 1331; Kaukasus. Varietaten von *Epinephele lupinus* (Russ.).

John, 1387; Turkestan *Leucanitis* 1 sp. n.

Kiritshenko, 1478; Krasnaja Poljana (Russ.).

Le Cerf, 1611; *Lycæna* et *Phlyctænodes* Perse spp. n.

Meinhardt, 1808; Macrolepidopteren Kobdo (Russ.).

Uvarov, 2997; Transuralischen Kirgisensteppen (Russ.).

Diptera.

Bezzi, 220; Caucasus *Asilidae* gen. n.

Aphaniptera.

Dampf, 651; *Mesopsylla* n. g., n. sp.

Hemiptera.

Grigoriev, 1109; Transkaukasien *Philaenus* 1 sp. n.

Lindinger, 1652; Algier *Cryptaspidiotus* sp. n.

Poppius, 2233; Turkestan and Tibet *Anthocoris* spp. n.

Poppius, 2235; Turkestan *Ceratocombus* sp. n.

Orthoptera.

Kuthy, 1580; *Bradyporus* sp. n.

Africa.

For North Africa *vide* Palaearctic (g).

Insecta, collectively.

Collections dans le Sahara et les régions voisines par M. René Chudeau; Bul. Muséum Paris **1909** pp. 523–525.

Sjöstedt, 2718; Kilimandjaro.

Coleoptera.

Abeille de Perrin, 7; Buprestide.

Aurivillius, 65; Africa trop. *Cerambycidae* 3 genn. n. 28 spp. n.

Aurivillius, 70; *Curculionidae* list 5 genn. n. 44 spp. n.

Béguin-Billecoq, 177; *Apion* 3 spp. n.

Bénard, 184; Sahara et régions voisines *Rhyssemus*.

Bickhardt, 227; *Hister* 3 spp. n.

Bolkay, 264; *Anisognathus* sp. n.

Eichelbaum, 798; *Brechmotriplax* n. g. *Erotylidae*.

Felsche, 900; Coprophage *Scarabaeiden* spp. n.

Gebien, 1025; Congo *Tenebrionidae* 46 spp. n.

Gebien, 1027; Kilimandjaro-Meru *Tenebrionidae* list 3 genn. n. 26 spp. n.

Gestro, 1041; *Ichthyurus* sp. n.

Gestro, 1044; *Paussus* sp. n.

Gillet, 1053; *Copris* spp. n.

Hagedorn, 1150; *Scolytidae* spp. n.

Heller, 1215; Cameroons *Mecocorynus* sp. n.

Hintz, 1246; Cerambycidenfauna der deutschen Kolonien, 11 spp. n.

Hintz, 1247; *Cerambyciden* 5 spp. n.

Horn, 1286; Kilimandjero-Meru *Cicindelidae* list.

Jordan, 1399; *Anthribidae* 3 spp. n.

Kerremans, 1431; Uganda *Buprestidae* 6 spp. n.

Kerremans, 1432; *Steraspis* sp. n.

Kolbe, 1528; *Popillia* and *Mimela* 10 spp. n.

Kolbe, 1532; Kilimandjaro-Meru *Scarabæddae* list, 1 gen. n., 19 spp. n.

Kuhnt, 1572; *Erotylidae* spp. n.

Lewis, 1637; *Histeridae* 3 spp. n.

Möllenkamp, 1903; *Metopodontus* sp. n.

Moser, 1944; *Cetoniidae* 4 spp. n.

Moser, 1945; *Pachnoda* sp. n.

Ohaus, 2032; *Dynastidae* gen. n.

Pangella, 2078; Africa e Madagascar.

Pehet, 2125; *Rhantus* Kilimandjaro.

Pic, 2148; *Alleculidae* 7 spp. n.

Pic, 2152; *Hylophilides* Abyssinie.

Pic, 2181; *Zonabris* sp. n.

Raffray, 2288; *Pselaphidae* 3 spp. n.

Reitter, 2328; *Brenskea* sp. n.

Ritsema, 2408; Congo *Helota* sp. n.

Schmidt, 2565; *Aphodiinen*, many spp. n.

Schönfeldt, 2591; Kamerun, *Brenthidae* Verzeichniss.

Sternberg, 2817; *Oryctes* sp. n.

Sternberg, 2818; *Tefflus* spp. n.

Strohmeyer, 2864; Usambara *Hylesinus* sp. n.

Strohmeyer, 2867; Abyssinia *Scolytidae* gen. n.

Vuillet, 3050; *Calosoma* d'Angola.

Wagner, 3057; *Apion* spp. n.

Wasmann, 3092; *Paussidae* 2 spp. n.

Weise, 3120; *Chrysomelidae* and *Coccinellidae* spp. n.

Weise, 3121; *Hispidae* 3 spp. n.

Hymenoptera.

Bischoff, 233; *Chrysididae* spp. n.

Brauns, 300; Südafrika *Sphegidae* 3 spp. n.

Brauns, 301; Biologisches über südafrikanische.

Brues, 330; *Algoa* **gen. n.** *Proctotrypidae.*

Buysson, 401; Congo *Dielis* 2 spp. n.

Du Buysson, 402; Uganda *Ellampus* sp. n.

Cameron, 414; *Aculeata* 71 spp. n.

Cameron, 415; S. African *Braconinae* genn. & spp. n.

Cameron, 421; *Trachypus* sp. n.

Cameron, 423; S. Africa gen. n. *Eucoilinae.*

Cameron, 426; *Pimpla* 2 spp. n.

Cameron, 428; Kilimandjaro-Meru *Vespidae* list, 1 gen. n., 35 spp. n.

Cameron, 429; Kilimandjaro-Meru *Fossoria* list, 1 gen. n., spp. n.

Cameron, 430; Kilimandjaro-Meru *Chrysididae* list 3 spp. n.

Cameron, 436; *Braconidae,* many spp. n.

Cockerell, 541; *Anthophora* 3 spp. n.

Crawford, 612; 2 spp. n., *Scelio* and *Tetrastichus.*

Forel, 938; *Formicidae,* numerous spp. n.

Forel, 937; Transvaal *Pachycondyla* sp. n.

Forel, 939; *Formicidae,* spp. n. gen. n.

Forel, 942; Erythräa, West-Abessinien, *Formicidae* spp. n.

Kieffer, 1460; *Serphidae, Cynipidae, Chalcididae, Evaniidae* und *Stephanidae* aus Aequatorialafrika.

Meade-Waldo, 1798; *Eumenidae* 6 spp. n.

Meade-Waldo, 1799; *Odynerus* 2 spp. n. and *Rhynchalastor* gen. n.

Mocsary, 1898; *Chrysis* sp. n.

Roman, 2436; Africa *Braconidae, Ichneumonidae* spp. n.

Santschi, 2516; Formicides Congo français.

Santschi, 2519; Nouveaux Dorylines.

Schmiedeknecht, 2578; Liste *Ichneumonidea* und *Braconidea.*

Schulthess, 2621; *Eumenes* 9 spp. n.

Schulthess Rechberg, 2623; *Belenogaster* n. sp.

Stitz, 2827; Westafrikanische *Ameisen,* 19 spp. n., gen. n.

Strand, 2855; *Halictus* 2 spp. n.

Strand, 2856; *Sceliphron* sp. n.

Turner, 2980; *Scoliidae* 7 spp. n.

Vachal, 2999; Congo *Apidae,* many spp. n.

Vachal, 3000; Mellifères Afrique orientale.

Zavattari, 3216; *Mutillidae* 3 spp. n.

Lepidoptera.

Aurivillius, 67; West Africa 5 spp. n.

Aurivillius, 66; *Cecidothyris* gen. n.

Bethune-Baker, 216; *Lycaenesthes* spp. n.

Aurivillius, 71; *Lepidoptera,* Kilimandjaro-Meru 12 genn. n. 55 spp. n., Cameroons-Congo 1 gen. n. 1 sp. n., *Cupido, Papilio, Schausinna* gen. n., *Pachypasa, Stemmatophalera* gen. n., *Lymantria, Stracilla* gen. n., *Notohyba, Syntomis, Pseudonaclia, Phryganopsis, Lobilema* gen. n., *Lophilema* gen. n., *Lepidilema* gen. n., *Eilema, Hadena, Borolia, Proxenus, Conicofrontia, Xanthodesma* gen. n., *Ichthyopselapha* gen. n., *Hypena, Thinopteryx, Oreometra* gen. n., *Amnemopsyche, Hemithea, Hypsometra* gen. n., *Derambila, Hydrelia, Triphosa, Onychia, Sauris, Larentia, Cidaria, Saliunca, Chrysopoloma, Ortharbela* gen. n., *Oreocossus* gen. n., *Xyleutes, Callocossus* (Cameroons and Congo) gen. n., *Glyphodes, Thliptoceras, Ancylolomia, Crambus, Diatraea, Gorgopis.*

Druce, 737; W. Africa *Lycaenidae* and *Hesperiidae* 39 spp. n., genn. n.

Druce, 739; 22 spp. n., *Aegeriidae, Bombyces, Nyctemeridae* and *Geometridae.*

Druce, 740; E. and W. Africa, 5 spp. n., *Suerta, Diacrisia, Chrysopoloma, Birthama, Aegeria.*

Grünberg, 1128; Sesse-Inseln im Victoria-Nyanza, numerous spp. n.

Grünberg, 1130; *Hollandella* sp. n.

Grünberg, 1131; Forschungsreise in Südafrika, numerous spp. n.

Grünberg, 1132; Kiwu-See 4 n. spp., *Mylothris, Rhodogastria, Dasychira, Calpe.*

Hampson, 1163; *Aegeriidae* 16 spp. n., *Bombyces* s. l. many spp. n., *Noctuidae* 7 spp. n.

Hampson, 1165; *Phalaenae* 202 spp. n., genn. n.

Hampson, 1166; *Acronyctinae* 34 spp. n.

Hampson, 1167; *Erastrianae* spp. n.

Joannis, 1376; Description de trois nouvelles *Timora*, de la Haute-Guinée française 3 spp. n.

Jordan, 1400; Gold coast *Lobobunaea* sp. n.

Jordan, 1401; *Planema* sp. n.

Jordan, 1402; 2 spp. n., *Lobobunaea* and *Imbrasia.*

Lindemans, 1642; *Euphaedra* sp. n.

Meyrick, 1863; South Africa, 10 spp. n., *Platyptilia, Tortrix. Laspeyresia, Paltodora, Symbatica, Gelechia, Nothris, Philobota, Criticonoma, and Barbaroscardia.*

Meyrick, 1861; *Pterophoridae* to *Tineidae* 68 spp. n.

Neave, 1980; Rhodesia *Rhopalocera* spp. n.

Prout, 2265; *Derambila* sp. n.

Rothschild, 2458; *Arctianae* 31 spp. n.

Rothschild, 2459; *Arctianae* 12 spp. n.

Rothschild, 2460; *Syntomidae* 13 spp. n.

Rothschild & Jordan, 2463; Abyssinia *Nephele* sp. n.

Scheben, 2537; *Chalia* sp. n.

Scheben, 2538; *Chalia* n. sp.

Strand, 2830; Tabora gen. n. *Sphingidae.*

Strand, 2832; *Cossidae* gen. n.

Strand, 2833; *Ocinara* 8 spp. n.

Strand, 2835; *Carnegia* sp. n.

Strand, 2837; Kamerun *Acrojana* sp. n., *Papilio* sp. n.

Strand, 2846; *Phibalapteryx* sp. n.

Trimen, 2959; S. Africa *Platysphinx* sp. n.

Neuroptera.

Enderlein, 813; *Mantispidae* spp. n.

Meunier, 1847 & 1849; Togo copal *Coniopteryx.*

Navás, 1967; *Nemopteridae* spp. n.— **1968**; *Chrysopidae* 7 spp. n., gen. n.— **1969**; *Hemerobiidae* 4 spp. n.— **1970**; W. Africa *Osmylus* sp. n.

Peringuey, 2117; 25 spp. n.

Diptera

Austen, 74; *Tabanidae* 10 spp. n., gen. n.

Austen, 75; *Dacinae* 2 spp. n.

Austen, 76; S. Africa *Cordylobia* sp. n.

Becker, 169; *Chloropidae*, many spp. n.

Becker, 172; Ethiopie et Afrique centrale spp. n.

Bezzi, 220; S. Africa *Stichopogon* sp. n.

Brues, 331; Natal *Phoridae* gen. n.

Carter, 447; S. Africa *Pyretophorus* sp. n.

Enderlein, 816; Transvaal *Leia* sp. n.

Gedoelst, 1028; *Cordylobia* n. sp.

Graham, 1087; West Africa *Culicidae* 8 spp. n.

Graham, 108; W. Africa *Culicidae* list.

Graham, 1089; *Trypetidae* 5 spp. n.

Hendel, 1220; *Oestrotus* and *Poecilohetaerus* spp. n. Südafrika.

Hendel, 1222; Sierra Leone *Chrysomyza* sp. n.

Lichtwardt, 1639; *Nemestrinidae* spp. n.

Massey, 1779; Congo short list.

Newstead, 2001; *Glossina* 3 spp. n.

Newstead & Carter, 2006; W. Africa *Cellia* sp. n.

Scheben, 2539; *Strobiloestrus* n. sp.

Speiser, 2787; *Helea* 2 spp. n.

Speiser, 2789; Kilimandjaro-Meru, *Orthorhapha brachycera* list, 39 spp. n.

Speiser, 2790; Kilimandjaro-Meru, *Cyclorapha aschiza* list, 7 genn. n., 58 spp. n.

Theobald, 2923; Ashanti *Culicidae* 5 spp. n., gen. n.

Theobald, 2926; *Culicidae* many spp. n., genn. n.

Villeneuve, 3032; *Tachinidae* spp. n., gen. n.

Wesché, 3134; W. Africa *Tipulidae* 2 genn. n.

Hemiptera.

Bergroth, 193; W. Africa *Reduviidae* gen. n. and *Allœorhynchus* sp. n.

Bervoets, 213; Coréide copal récent de Zanzibar.

Distant, 700; *Flatinae* 4 spp. n.

Distant, 701; *Pentatomidae* 26 spp. n.

Distant, 709; Numerous spp. n. *Jassidae* and *Fulgoridae.*

Enderlein, 821; Kilimandjaro-Meru, *Psyllidae* list, 2 genn. n., 4 spp. n.

Horváth, 1290; *Ctenoplax* n. g.

Horváth, 1291; Reduvides nouveaux.

Horváth, 1294; Kilimandjaro-Meru lists, *Tingitidae* 1 gen. n. 10 spp. n., *Aradidae* 1 sp. n.

Jacobi, 1337; Ostafrika *Cicadidae* spp. n.

Jacobi, 1338; Kilimandjaro-Meru lists, *Cicadidae* 1 sp. n., *Fulgoridae* 7 genn. n. 17 spp. n., *Cercopidae* 8 spp. n., *Jassidae* 5 genn. n. 28 spp. n.

Kellogg & Paine, 1424; *Eoctenes* sp. n. Sudan.

Lallemand, 1589; *Cercopidae* 10 spp. n.

Lindinger, 1648; *Selenaspidius* 4 spp. n.

Lindinger, 1649; 21 spp. n.

Lindinger, 1650; 7 spp. n.

Newstead, 2002; Uganda *Stictococcus* sp. n.

Newstead, 2004; Uganda 7 spp. n.

Newstead, 2005; Congo 2 spp. n., *Hemilecanium* and *Stictococcus.*

Poppius, 2227; *Ceratocombus* sp. n.

Poppius, 2232; *Cylapina* spp. n.

Poppius, 2233; *Anthocoridae* spp. n.

Poppius, 2235; Togo *Ceratocombidae* gen. n.

Poppius, 2237; Kilimandjaro-Meru lists of *Miridae* 4 gen. n. 29 spp. n., *Anthocoridae* 2 spp. n., *Termatophylidae* 1 sp. n., *Microphysidae* 1 gen. n. 1 sp. n., *Nabidae* 1 sp. n.

Reuter, 2369; Boma *Eurycyrtus* sp. n.

Reuter, 2370; *Stenonabis* 4 spp. n.

Schmidt, 2567; *Cercopidae* 2 spp. n., gen. n.

Schmidt, 2568; Fulgoriden 5 spp. n.

Schouteden, 2592; Congo 5 spp. n., *Platynopus, Aspongopus, Latimbus, Acanthocoris* and *Petalocnemis.*

Schouteden, 2597; Kilimandjaro-Meru *Pentatomidae* list 16 spp. n.

Schouteden, 2598; Kilimandjaro-Meru lists, *Reduviidae* 11 spp. n., *Pyrrhocoridae* 3 spp. n., *Coreidae.*

Strand, 2838; Ostafrikanische *Sericocoris* sp. n.

Strand, 2840; 2 spp. n., *Platypleura* and *Anecphora.*

Thysanoptera.

Bagnall, 95; 2 spp. n.

Tryborn, 2961; 8 spp. n.

Odonata (or *Paraneuroptera*).

Förster, 930; Erythraea *Erythromma* sp. n.

Martin, 1772; *Lestes* spp. n.

Ris, 2407; *Libellulinae* spp. n.

Orthoptera.

Bolivar, 262; Spanish Guinea *Gryllidae* 16 spp. n., genn. n.

Bruner, 339; *Acridoidea* Eastern Africa.

Burr, 709; *Echinosoma* sp. n.

Hancock, 1168; *Tetriginae* 8 spp. n.

Karny, 1416; Many spp. n.

Shelford, 2690; Cave at Tanga *Blattidae* gen. n.

Shelford, 2694.

Sjöstedt, 2717; *Acridiodea* aus Kamerun. 3205

Zacher, 165; *Nannopygia* sp. n.

Madagascar and Mascarene Islands.

Insecta, collectively.

Scott, 2648; Seychelles, account of collecting in.

Coleoptera.

Alluaud, 30; *Omphreoides* sp. n.

Aurivillius, 65; *Cerambycidae* 1 g. n., 1 sp. n.

Gestro, 1040; *Hispidae* 39 spp. n.

Gestro, 1042; *Hispidae*, review of Madagascar spp.

Grouvelle, 1119; *Colydiide.*

Kolbe, 1531; *Coleopteren* der Seychellen, Betrachtungen über die Tiergeographie, 19 spp. n., 6 genn. n.

Kuhnt, 1572; *Triplax* sp. n.

Schmidt, 2565; *Didactylia* sp. n. and *Saprosites* sp. n.

Sternberg, 2816; 4 spp. n., *Hexodon* and *Lonchotus.*

Sternberg, 2817; *Oryctes* 2 spp. n.

Strohmeyer, 2867; *Scolytidae* gen. n.

Vuillet, 3052; *Dyschirius* sp. n.

Weise, 3124; Madagaskar, Comoren und den Inseln Ostafrikas; *Chrysomelidae* many spp. n.

Weise, 3125; *Coccinellidae* von Madagaskar und den Comoren.

Hymenoptera.

Buysson, 403; *Chrysidides* de Madagascar.

Cockerell, 519; *Thrincostoma* sp. n.

Forel, 937; *Formicidae* 6 spp. n.

Forel, 938; *Camponotus* sp. n.

Kieffer, 1451; *Scelionides* spp. n.

Kieffer, 1451; Iles Séchelles *Seclionides* spp. n.

Kieffer, 1461; *Serphiden* und *Cynipiden* spp. n.

Turner, 2980; *Plesia* sp. n.

Lepidoptera.

Hampson, 1163; *Plusia* sp. n. and *Stenaroa* gen. n., Rodriguez *Digama* sp. n.

Hampson, 1166; *Acronyctinae* gen. n.

Hampson, 1167; Madagascar, Mauritius, *Erastrianae* spp. n.

Joannis, 1374; *Erastrianae* îles Mascareignes 3 spp. n.

Meyrick, 1867; Mauritius *Microlepidoptera* 16 spp. n.

Rothschild, 2458; *Pericallia* sp. n.

Rothschild, 2459; *Axiopoeniella* sp. n.

Trichoptera.

Ulmer, 2991; Seychelles 6 spp. n., genn. n.

Neuroptera.

Meunier, 1850; Copal récent de Madagascar, *Semidalis* sp. n.

Navás, 1968; Madagascar and Seychelles, *Chrysopidae* 2 spp. n., gen. n.

Navás, 1969; 2 spp. n., *Sisyra* and *Micromus.*

Diptera.

Becker, 169; *Chloropidae* 2 spp. n.

Enderlein, 811; Seychelles *Mycetophilidae* 17 spp. n.

Grünberg, 1134; *Culicidae* Madagascar den Comoren und Ostafrika.

Stein, 2807; Seychelles *Anthomyiidae* 12 spp. n.

Hemiptera.

Bergroth, 196; 6 spp. n., 2 genn. n.

Distant, 700; 2 spp. n., *Paraflata* and *Cryptoflata.*

Horváth, 1287; Mauritius *Nysius* n. sp.

Lallemand, 1589; 2 spp. n., *Tomaspis* and *Locris.*

Lindinger, 1650; gen. n.

Poppius, 2232; *Vannius* sp. n.

Schmidt, 2569; *Cercopidae* gen. n.

Thysanoptera.

Tryborn, 2962; 2 spp. n.

Psocoptera.

Enderlein, 809; *Diplocanthoda* gen. n.

Isoptera.

Holmgren, 1271; Seychelles 3 spp. n.

Wasmann, 3100; Madagaskar, den Comoren und Inseln Ostafrikas, 6 spp. n.

Embioptera.

Enderlein, 810; Seychelles *Oligotoma* sp. n.

Odonata (or *Paraneuroptera*).

Ris, 2407; 2 spp. n., *Orthetrum* and *Apatelia.*

Orthoptera.

Bruner, 339; *Acridoidea* from Madagascar and Comoro, spp. n.

Burr, 373; Seychelles *Brachylabis* sp. n.

Burr, 374; Seychelles *Forficulidae* 3 spp. n.

Griffini, 1108; *Gryllacris* di Madagascar e delle isole vicine.

Thysanura.

Escherich, 841; *Lepismatiden* 3 spp. n.

Asia, Tropical & Eastern,

Including Japan, Biluchistan, Afghanistan.

For West and Centr. Asia *vide* Palaearctic (*h*); for North Asia *vide* Palaearctic (*c*).

Insecta, collectively.

Demange, 679; Une haie de bambou au Tonkin.

Maxwell & Lefroy, 1796; Tirhut.

Terry, 2920; South China and also common in Hawaii.

Coleoptera.

Arrow, 59; India and Siam *Peltonotus* 2 spp. n.

Arrow, 61; India *Cetoniinae* and *Dynastinae* 51 spp. n.

Boppe, 267; *Rosalia* sp. n. du Yunnan.

Born, 276; China *Coptolabrus* n. sp.

Born, 280; China *Coptolabrus* sp. n.

Bourgeois, 286; *Malacodermes* et *Lyméxylonides*, Ceylan.

Csiki, 627; Tonkin *Aulacochilus* n. sp.

Felsche, 900; China, Siam, *Copris* spp. n.

Gahan, 1015; Tenasserim *Cleridae* gen. n.

Gestro, 1045; *Hispidae* 3 spp. n.

Gillet, 1053; *Copris* spp. n.

Grouvelle, 1122; *Nitidulidae* and *Cryptophagidae* spp. n.

Kuhnt, 1572; *Erotylidae* spp. n.

Lesne, 1632; Sumatra *Lyctus* sp. n.

Lesne, 1633; Lyctide nouveau indienne.

Lewis, 1637; India *Histeridae* 4 spp. n.

Maindron, 1730; *Dolichus* de Yunnan.

Maulik, 1741; Chrysomelidae, list with localities of specimens preserved in the Indian Museum.

Moser, 1944; Formosa 2 spp. n. *Liocola* and *Calopotosia.*

Moser, 1945; Formosa, Tonkin, India *Cetoniidae* 3 spp.

Niijima, 2014; Scolytiden Hokkaidos.

Ohaus, 2030; Siam and Perak *Anomalinae* 2 spp. n.

Olivier, 2047; India and Ceylon *Luciola* 2 spp. n.

Pic, 2151; Pédilides et Anthicides Japon.

Pic, 2152; Hylophilides Japon.

Pic, 2175; *Hylophilus* Japon.

Reitter, 2349; Japan *Lycostomus* 2 spp. n.

Roubal, 2468; *Philonthus* sp. n. Japan.

Schmidt, 2563; India, China, *Aphodius* 5 spp. n.

Schmidt, 2565; Chota Nagpore *Chaetopisthes* sp. n.

Seillière, 2652; genre de Goliathide.

Semenov, 2669; Himalaya *Craspedonotus* sp. n.

Silvestri, 2710; *Aleocharinae* gen. n.

Splichal, 2794; Himalaya *Onthophagus* 2 spp. n.

Strohmeyer, 2867; India *Platypus* spp. n.

Strohmeyer, 2870; India *Atractocerus* sp. n.

Suvorov, 2876; Chinesisch-Turkestan etc. *Deracanthus* 7 spp. n.

Szombathy; 2903; Elatéridae spp. n.

Wagner, 3057; *Apion* spp. n.

Wasmann, 3099; Ceylon Termitophile.

Weise, 3120; Japan, China, India, spp. n. *Chrysomelidae* and *Coccinellidae.*

Zaitrev, 3210; Japan *Gyrinidae* 2 spp. n.

Hymenoptera.

Bischoff, 233; *Chrysididae* spp. n.

Bugnion & Popoff, 365; *Baeus* n. sp. Ceylan.

Cameron, 416; India Bees and Wasps.

Cameron, 424; Tonkin and India *Braconidae* spp. n.

Cameron, 425; Tsushima *Rhogas* sp. n.

Cameron, 431; *Bracon* 8 spp. n.

Cameron, 434 *Braconidae* genn. et spp. n.

Cockerell, 518; India 5 spp. n. *Anthophora* and *Coelioxys.*

Cockerell, 538; Penang *Crocisa* sp. n.

Cockerell, 539; Himalaya *Apidae* 5 spp. n.

Crawford, 616; China *Chalcis* sp. n.

Crawford, 621; Japan *Chalcidae* spp. n.

Forel, 937; India *Wheeleriella* sp. n., Formosa *Camponotus* sp. n.

Forel, 943; Ameisen Ceylon.

Friese, 959; Japan *Apidae* spp. n.

Howard, 1298; China *Perissopterus* sp. n.

Howard, 1303; *Chalcididae* Japan spp. n.

Meade-Waldo, 1798; India *Eumenidae* 6 spp. n.

Meade-Waldo, 1799; India *Odynerus* 5 spp. n.

Morley, 1934; India *Rhopalosoma* sp. n.

Rohwer, 2435; *Tenthredinidae* Japan spp. n.

Strand, 2831; *Halictus* 20 spp. n.

Strand, 2855; Japan and Ceylon *Megachile* 2 spp. n.

Turner, 2980; Sikkim *Parasapyga* gen. n.

Wheeler, 3137; Japan *Lasius* sp. n.

Yano, 3201; *Formicidae* Japan (Japanese).

Lepidoptera.

Chagos islds *vide* **Insular.**

Bell, 181; Plains of India *Rhopalocera.*

Bell, 182; Common butterflies of the plains of India.

Bernhardt, 203; *Teracolus.*

Comber, 579; *Parthenos virens* Konkau.

Evans, 864; Palni hills *Rhopalocera.*

Evans, 865; corrections.

Fletcher, 925; *Deuterocopus* 2 spp. n.

Fletcher, 926; Ceylon *Orneodidae* spp. n.

Hampson, 1164; British India spp. n.

Hampson, 1166; *Acronyctinae* 17 spp. n.

Hampson, 1167; *Erastrianae* spp. n.

Hannyngton, 1179; Butterflies of Kumaon.

Hannyngton, 1180; Kumaon *Rhopalocera.*

Hannyngton, 1181; *Parnassius epaphus* and *Pamphila avanti* in Kumaon.

Joannis, 1377; *Phauda* Tonkin sp. n.

Jordan, 1400; Formosa *Zyaenidae* 2 spp. n. gen. n.

Jordan, 1402; India 3 spp. n. *Antheraea* and *Salassa.*

Kearfolt, 1420; Japan *Ptochoryctis* sp. n.

Lushington, 1707; *Atella alcippe* North Malabar.

Manders, 1737; *Atella alcippe* in Travancore.

Martin, 1770; Berichtigung betr. paläarkt. Pieride unter dem Aequator.

Matsumura, 1787; Hesperiden Japans 3 spp. n.

Matsumura, 1789; Lycaeniden Formosa and Japan 5 spp. n.

Matsumura, 1788; *Rhopalocera* Formosa 2 spp. n.

Meyrick, 1861; *Oecophoridae* many spp. n.

Meyrick, 1862; India and Ceylon, many spp. n. *Gelechiidae* and *Oecophoridae.*

Meyrick, 1867; India and Ceylon *Spilonota* sp. n.

Meyrick, 1868; Malay States *Tortricidae* and *Tineidae* 6 spp. n.

Meyrick, 1869; India many spp. n. *Micro lepidoptera.*

Miyake, 1889; *Lithosiinae* of Japan, *Ilema* sp. n. (Japanese).

Miyake, 1892; *Arctiinae* of Japan, notes.

Nagano, 1964; *Agaristidae* Japan. (Japanese.)

Oberthür, 2024; Chine occidentale spp. n.

Peile, 2105; correction *Pieris brassicae* and *Canidia.*

Prout, 2263; China *Zethenia* sp. n.

Prout, 2265; Ceylon *Derambila* sp. n., India *Ozola* sp. n.

Rothschild, 2458; Asia, incl. Tibet, *Arctianae* 16 spp. n.

Rothschild, 2549; *Arctianae* 3 spp. n.

Rothschild, 2460; *Syntomidae* 12 spp. n.

Swinhoe, 2894; *Lycaenidae* 7 spp. n.

Thierry-Mieg, 2931; Yunnan *Gnophos* sp. n.

Wileman, 3156; Formosa 2 spp. n. *Sephisa* and *Orthomiella.*

Wileman, 3157; *Heterocera* 91 spp. n.

Trichoptera.

Martynov, 1776; Trichopteren von Thibet; Verbreitung in Asien (Russ.)

Neuroptera.

Enderlein, 817; Korea *Bittacus* sp. n.

Miyake, 1890; *Mecoptera* of Japan 6 genera and 40 species listed (Japanese).

Miyake, 1891; *Panorpidae* Japan 9 spp. n.

Miyake, 1893; *Mantispidae* Japan 3 spp. n.

Navás, 1967; India *Nemopteridae* spp. n.

Navás, 1968; India, E. Asia incl. Tibet and Japan *Chrysopidae* 5 spp. n. 2 genn. n.

Navás, 1969; India and Tibet *Hemerobiidae* 4 spp. n.

Navás, 1970; India *Osmylidae* gen. n. Japan and China *Osmylus* spp. n.

Navás, 1972; India *Panorpa* sp. n.

Navás, 1976; Japan *Hemerobiidae* 5 spp. nn.

Okamoto, 2038; *Ascalaphidae* in Japan 2 spp. n. (Japanese).

Okamoto, 2039; *Mantispidae* Japan and Formosa, spp. n. (Japanese).

Okamoto, 2040; Japan and Formosa *Ascalaphidae* 2 spp. n.

Okamoto, 2041; Die Sialiden Japans.

Okamoto, 2042; Die Nyrmeleoniden Japans.

Diptera.

Annandale, 46; *Phlebotomus* 4 spp. n.

Annandale, 49; Ceylon *Phlebotomus* spp. n.

Austen, 73; India *Musca* sp. n.

Bezzi, 220; China and Formosa *Asilidae* spp. n.

Brunetti, 341; Revision of Oriental *Leptidae.*

Brunetti, 342; Catalogue of Oriental *Bombyliidae* spp. n.

Brunetti, 344; Oriental Sepsimae spp. n.

Brunetti, 345; Revision of Oriental *Stomoxinae.*

Brunetti, 346; Ceylon notes.

Carter, 448; Cochin China *Culicidae, Stegomyia* sp. n.

Collin, 572; Ceylon *Limosina* sp. n.

Coquillett, 594; China *Trypetidae* 2 spp. n.

Enderlein, 811; Formosa gen. n. *Mycetophilidae.*

Enderlein, 816; Formosa *Lycastris* sp. n.

Hehir, J. trop. Med. London 13 pp. 197 & 198; India *Anophelinae.*

Hendel, 1220; *Meracanthomyia* sp. n. Ceylon.

James, 1353; Assam gen. n. *Culicidae.*

Kieffer, 1444; *Chironomides* Indes orientales spp. n.

Newstead & Carter, 2006; Ceylon *Culicidae* gen. n.

Stein, 2804; *Anthomyiidae* spp. n.

Theobald, 2926; India and Ceylon *Culicidae* spp. n.

Theobald, 2927; *Culicidae* spp. n.

Watson, 3104; Malay States *Myzomyia* sp. n.

Aphaniptera.

Dampf, 649; *Nycteridopsylla* Shanghai sp. n.

Hemiptera.

D'Abreu, 638; *Belostoma indica* in the Eastern Himalaya.

Distant, 698; India *Capsidae* 13 spp. n., genn. n.

Distant, 699; India *Gerridae* 17 spp. n., genn. n.

Distant, 700; 2 spp. n. Nicobar islds. *Anaya*, Bhutan gen. n. aff. *Salurnis.*

Distant, 704; India 3 spp. n. *Anasida*, *Petalocephala* and *Empoasca.*

Distant, 708; India, Burma and Ceylon, *Heteroptera* supplement, many spp. n.

Green, 1100; India *Ceroccoccus* sp. n.

Kershaw & Kirkaldy, 1436; Biological Notes on Oriental *Hemiptera* No. 2.

Kirkaldy, 1479; China *Cercopidae* and *Cimicidae* 3 spp. n.

Mann, 1742; *Pentatomidae* collected in the Southern part of the Bombay Presidency.

Montandon, 1907; India *Borborophyes* sp. n.

Montandon, 1911; China *Aphelocheirus* sp. n.

Montandon, 1913; India *Ranatra* and *Heleocoris* spp. n.

Montandon, 1904; Tenasserim *Laccocoris* sp. n.

Poppius, 2230; *Horniella* n. gen.

Poppius, 2231; India *Miridae* gen. t sp. n.

Poppius, 2232; *Cylapina* spp. n.

Poppius, 2233; India, Ceylon, Tibet, Japan, *Anthocoridae* spp. n.

Poppius, 2235; Japan *Ceratocombidae* spp. n.

Reuter, 2370; Burma *Stenonabis* sp. n.

Schmidt, 2567; *Cercopidae* spp. n.

Schmidt, 2571; Tonkin and Cambodia *Cercopinae* 2 spp. n.

Psocoptera.

Okamoto, 2037; *Caeciliiden* Japan and Formosa spp. n.

Isoptera.

Bugnion & Popoff, 360; *Calotermes* de Ceylan.

Bugnion & Popoff, 363; *Coptotermes* sp. n.

Escherich, 840; Termitenleben auf Ceylon.

Holmgren, 1273; Ceylon-Termiten.

Oshima, 2061; *Termitidae* of Formosa (Japanese).

Oshima, 2063; Termites of Formosa (Japanese).

Odonata (or *Paraneuroptera*).

Bartenef, 150; Japan *Odonata* 3 spp. n.

Orthoptera.

Bolívar, 261; India *Locustidae* gen. n.

Burr, 376; *Forficulidae* India etc. numerous spp. n.

Gravely, 1096; *Blattidae* gen. n.

Hancock, 1168; Selangor *Euparatettix* sp. n.

Hancock, 1169; Ceylon *Tetriginae* spp. n.

Schimmer, 2559; Ceylon *Myrmecophila* sp. n.

Shelford, 2691; India and Tonkin 3 spp. n., *Homalopteryx*, gen. n. *Epilamprinae*, *Pseudophoraspis.*

Shelford, 2692; India *Blatta* sp. n., Tonkin *Homalosilpha* sp. n.

Shiraki, 2699; *Acridiidae* of Japan and Formosa.

Zacher, 3206; Bemerkungen zu Malcolm Burr's Dermapterenfauna von Britisch Indien.

Thysanura.

Silvestri, 2715; Ceylon termitophilen Thysanuren.

Asiatic Archipelago.

Java to New Guinea, incl. Philippines.

Insecta, collectively.

Silvestri, 2711; Java Termitophilous *Col.* and *Thysanura.*

Coleoptera.

Arrow, 59; Borneo *Peltonotus* 2 spp. n.

Arrow, 60; Borneo and Sumatra *Rutelidae* 13 spp. n.

Aurivillius, 65; Borneo *Cerambycidae* 16 spp. n.

Bolkay, 263; Halmahera *Leptorrhynchus* n. sp.

Bourgeois, 287; *Chauliognathus* Nouvelle-Guinée.

Bourgeois, 288: *Lycus* de Bornéo.

Bourgeois, 289; Lycides nouveaux Lombok.

Csiki, 627; N. Guinea *Aulacochilus* n. sp.

Desbrochers, 683; Philippines *Cercidocerus* sp. n.

Gestro, 1043; Borneo *Cupes* sp. n.

Gillet, 1053; Philippines *Copris* sp. n.

Grouvelle, 1122; *Nitidulidae* spp. n.

Hagedorn, 1151; *Scolytidae* spp. n.

Heller, 1216; Papuanischen, numerous spp. n.

Heller, 1217; N. Guinea *Curculionidae* spp. n.

Horn, 1285; Borneo *Cicindela* 2 spp. n.

Kerremans, 1432; *Buprestidae* 9 spp. n.

Kuhnt, 1572; *Erotylidae* spp. n.

Lesne, 1625; Liste des Bostrychides et Lyctides de Java.

Maindron, 1731; *Ophionea* Nouvelle-Guinée.

Moser, 1944; Darnley isld. *Lomaptera* sp. n.

Moser, 1945; Borneo *Cetoniidae* gen. n.

Moser, 1946; Sumatra *Theodosia* sp. n.

Moser, 1947; Philippines *Scarabaeidae* spp. n.

Moulton, 1948; *Cicindelidae* Bornean.

Ohaus, 2030; Borneo *Anomalinae* 11 spp. n.

Ohaus, 2035; Philippines *Rutelidae* spp. n.

Olivier, 2046; *Luciola* 4 spp. n.

Pic, 2149; *Silis* 8 spp. n.

Pic, 2167; *Discodon* und *Anthicomorphus* spp. n.

Ritsema, 2409; *Helota* 3 spp. n.

Strohmeyer, 2780; New Guinea *Atractocerus* sp. n.

Szombathy, 2903; *Elateridae* spp. n.

Weise, 3120; *Chrysomelidae* and *Coccinellidae* spp. n.

Weise, 3121; *Hispopria* sp. n. Luzon.

Weise, 3122; Philippinen 2 spp. n. und Verzeichniss.

Weise, 3123; Chrysomeliden und Coccinelliden der Philippinen.

Zaitzev, 3210; Borneo *Hydrophilidae* 1 sp. n.

Hymenoptera.

Bischoff, 233; *Chrysididae* spp. n.

Brues, 330; *Prociotrypidae* gen. n.

Buysson, 402; 2 spp. n. *Polybia* and *Ischnogaster.*

Cameron, 417; Borneo *Nomada* sp. n.

Cameron, 418; Borneo gen. n. *Bethylidae.*

Cameron, 420; Borneo *Cynipidae* 5 spp. n.

Cameron, 422; Borneo *Bethylidae* 3 spp. n.

Cameron, 424; *Rhogas* sp. n. Neu-Guinea.

Cameron, 425; *Braconidae* spp. n.

Cameron, 427; Borneo 3 spp. n., *Pompilus* and *Pseudagenia.*

Cameron, 435; *Braconinae* and *Exothecinae* spp. n.

Cockerell, 518; Philippines 2 spp. n., *Bombus* and *Crocisa*.

Cockerell, 538; Philippines *Crocisa* sp. n.

Crawford, 619; Philippine islds. many spp. n.

Forel, 937; Borneo *Cremastogaster* sp. n.

Forel, 940; *Formicidae* from the Philippines.

Howard, 1298; Manila *Physcus* sp. n.

Meade-Waldo, 1798; Sumatra *Montezumia* sp. n.

Meade-Waldo, 1799; Sarawak *Odynerus* sp. n.

Rohwer, 2433; Philippine Is. *Sphegidae* and *Tenthredinidae*.

Strand, 2856; Java *Bembex* sp. n.

Strand, 2831; Java and Sumatra and Philippines *Halictus* 3 spp. n.

Szabó, 2898; *Rhopalothrix* 3 spp. n.

Szabó, 2899; New Guinea *Cryptopone* n. sp.

Szépligeti, 2901; Java und Krakatau Braconiden und Ichneumoniden spp. n.

Turner, 2975; New Guinea and Celebes *Thynnidae* spp. n.

Wheeler, 3144; *Aphomomyrmex* sp. n. Borneo.

Lepidoptera.

Bethune-Baker, 214; New Guinea 42 spp. n., genn. n., *Bombyces* s.l., *Noctuidae*, *Geometridae*, and in *Sphingidae* *Oxyambulyx*.

Fawcett, 897; Sumatra *Euschema* sp. n.

Fletcher, 925; *Deuterocopus* spp. n., 2 genn. n.

Fruhstorfer, 993; Java *Dodona* sp. n.

Fruhstorfer, 998; Java *Halpe* sp. n.

Fruhstorfer, 1001; *Cyaniris* spp. n.

Hampson, 1166; *Acronyctinae* 3 spp. n.

Hampson, 1167; *Erastrianae* spp. n.

Hauser, 1195; Neu-Guinea.

Marschner, 1751; Riesengebirge.

Martin, 1767; Süd-sumatra Falter.

Martin, 1769; *Tirumala*arten Celebes.

Meyrick, 1868; *Tortricidae* and *Tineidae*, many spp. n., genn. n.

Meyrick, 1870; Papua *Tortricidae* spp. n.

Moulton, Entomologist **43** p. 314; Borneo *Actias selene*.

Pagenstecher, 2072; Der Aru- und Kei-Inseln.

Piepers & Snellen, 2195; *Hesperidae* of Java.

Rippon, 2403; Java *Pompeoptera* sp. n.

Rothschild, 2457; New Guinea *Meganoton* sp. n.

Rothschild, 2458; *Arctianae* 15 spp. n.

Rothschild, 2459; *Arctianae* 2 spp. n.

Rothschild, 2460; *Syntomidae* 23 spp. n.

Schultze, 2630; Philippines.

Strand, 2836; Sumatra spp. n. *Nacaduba*, *Pseudoterpna*, *Aroa*, *Laelia*, *Serrodes*, *Patissa*.

Trichoptera.

Ulmer, 2990; Javanischen Trichopteren spp. n.

Neuroptera.

Enderlein, 813; *Mantispidae* spp. n.

Enderlein, 817; Java *Panorpatae* gen. n.

Navas, 1977; Philippines *Hemerobiidae* sp. n.

Weele, 3113; Java *Micromus* sp. n. and *Panorpatae*.

Diptera.

Austen, 78; New Guinea *Achias* sp. n.

Bezzi, 220; *Asilidae* gen. n.

Ludlow, 1690; Philippines 2 spp. n. *Stegomyia* and *Culex*.

Meijere, 1805; Krakatau many spp.n.

Meyere, 1856; Dipteren auf Java aus Nepenthes-Bechern.

Meyere, 1857; Die neue Dipterenfauna von Krakatau.

Stein, 2804; New Guinea *Coenosia* sp. n.

Theobald, 2926; Philippines *Culicidae* 2 spp. n.

Hemiptera.

Banks, 120; Rhynchota Palawanica Part 2 spp. n.

Bergroth, 194; Borneo *Colobathristidae.*

Bergroth, 197; *Bothriomiris* sp. n. Borneo.

Bergroth, 198; *Chondroptera Fulgoridae* n. gen. Sumatra.

Bierman, 231; Aus Niederländisch Ost-Indien spp. n., genn. n.

Distant, 705; *Rhynchota* Philippinensia Part 1, spp. n.

Distant, 707; genn. et spp. n.

Poppius, 2232; *Cylapina* spp. n.

Poppius, 2233; *Anthocoridae* spp. n.

Poppius, 2235; *Ceratocombidae* 2 spp. n.

Schmidt, 2567; *Cercopidae* many spp. n.

Schmidt, 2568; *Fulgoridae* 2 spp. n.

Schmidt, 2570; Sumatra *Considia* sp. n.

Schmidt, 2571; *Cercopinae* genn. et spp. n.

Plecoptera.

Klapálek, 1493; Java and Sumatra.

Odonata (or *Paraneuroptera*).

Förster, 929; New Guinea *Crocothemis* and *Diphlebia* spp. nn.

Ris, 2407; Borneo 2 spp. n. *Brachygonia* and *Raphismia.*

Orthoptera.

Burr, 373; Java *Gonolabis* sp. n.

Dohrn, 727; *Phasmiden* spp. n.

Griffini, 1107; Sumatra *Gryllacris* sp. n.

Hancock, 1168; Sumatra *Tetriginae* gen. n.

Kuthy, 1579; N. Guinea *Locustidae* spp. n.

Shelford, 2692; Talaut *Dorylaea* sp. n.

Zacher, 3204; Sumatra *Forfic.* 2 genn. n.

Thysanura.

Silvestri, 2713; Java and Krakatau 2 spp. n., gen. n.

Australia.

Coleoptera.

Carter, 449; *Tenebrionidae* spp. n.

Champion, Ent. Mag. 46 p. 70; *Cis bilamellatus.*

Csiki, 633; *Aulacochilus* n. sp.

Froggatt, 967; *Belus* sp. n.

Gahan, 1015; *Cleridae* gen. n.

Gestro, 1045; *Dactylispa* sp. n.

Lea, 1605; *Curculionidae* spp. n.

Lea, 1606; *Curculionidae* many spp. n.

Lea, 1608; *Cryptorhynchides* spp. n.

Schmidt, 2563; *Aphodius* sp. n.

Sloane, 2733; *Carabidae* spp. n.

Sloane, 2734; *Carabidae* spp. n. etc.

Strohmeyer, 2867; Tasmania *Platypus* sp. n.

Strepsiptera.

Lea, 1607; gen. n.

Hymenoptera.

Bischoff, 233; *Chrysididae* spp. n.

Cockerell, 515; *Prosopis* table.

Cockerell, 518; N. Australia *Anthophora* sp. n.

Cockerell, 519; 6 spp. n. *Prosopis, Palaeorhiza* and *Nomia.*

Cockerell, 520; *Prosopidae* 14 spp. n.

Cockerell, 521; *Prosopis* 10 spp. n. and *Euryglossa* 2 spp. n.

Cockerell, 522; 11 spp. n. *Halictus, Parasphecodes* and *Megachile.*

Cockerell, 523; 9 spp. n. *Callomelitta Megachile* and gen. n.

Cockerell, 538; *Crocisa* sp. n.

Cockerell, 540; *Apidae* 2 genn. n.

Cockerell, 551; *Apidae* spp. n.

Forel, 941; Formicides spp. n.

Meade-Waldo, 1798; *Masaridae* and *Eumenidae* 9 spp. n.

Rohwer, 2428; *Tenthredinidae* 12 spp. n., gen. n.

Schulthess-Rechberg, 2622; *Eumenidae* gen. n.

Szabó, 2898; *Notoncus* sp. n.

Turner, 2975; *Thynnidae* spp. n.

Turner, 2978; *Sphegidae* 80 spp. n.

Turner, 2979; *Fossoria* many spp. n.

Turner, 2981; *Fossoria* 18 spp. n.

Lepidoptera.

Hampson, 1166; *Acronyctinae* 5 spp. n.

Hampson, 1167; *Erastrianae* spp. n.

Jordan, 1402; *Opodiphtera* sp. n.

Lucas, 1862; 30 spp. n., previously overlooked.

Meyrick, 1868; *Tineidae* spp. n.

Meyrick, 1870; *Tortricina* revision spp. n.

Prout, 2265; *Oenochrominae* 21 spp.n.

Rothschild, 2458; *Diacrisia* sp. n.

Rothschild, 2459; *Rhodogastria* sp. n.

Rothschild, 2460; *Amata* sp. n.

Turner, 2973; *Geometridae.*

Neuroptera.

Banks, 123; *Myrmeleonidae* Australia spp. n.

Banks, 128; spp. n.

Navás, 1967; *Croce* sp. n.

Navás, 1968; *Chrysopa* sp. n., Tasmania gen. n.

Navás, 1969; gen. n. *Hemerobiidae.*

Navás, 1977; *Myrmeleonidae* 1 sp. n.

Diptera.

Lichwardt, 1638; Nemestriniden sp. n.

Meijere, 1805; *Conops* spp. n.

Ricardo, 2380; *Pelecorhynchus* 3 spp. n.

Stein, 2804; *Anthomyiidae* spp. n.

Theobald, 2926; *Culicidae* 8 spp. n.

Hemiptera.

Distant, 700; *Flatinae* 13 spp. n.

Distant, 702; *Pentatomidae* 55 spp. n., genn. n.

Distant, 703; *Cicadidae* 5 spp. n., 2 genn. n.

Poppius, 2233; *Anthocoridae* genn. n.

Odonata (or *Paraneuroptera*).

Ris, 2406; Südwest-Australiens.

Tillyard, 2938; *Phyllopetalia.*

Tillyard, 2939; *Synthemis.*

Orthoptera.

Burr, 373; *Nannisolabis* sp. n.

Shelford, 2691; 2 spp. n. *Molytria* and *Ataxigamia.*

Thysanura.

Silvestri, 2713; *Heterojapyx* sp. n.

North America.

Insecta, collectively.

Cockerell, 524; Northwestern Colorado.

†Cockerell, 525; *Florissant* spp. n.

Cockerell, 532; Colorado brief list with *Apidae* 9 spp. n.

†Cockerell, 550; Colorado Miocene.

Davis, 663; Collecting in Georgia.

Felt, 901; *Aphis* sp. n.

Needham, 1983; *Neuropteroid* insects Isle Royale.

Smith, 2753; Insects of New Jersey.

Tucker, 2966; collecting, Kansas and Colorado.

Young, 3203; Adirondack additional list.

Coleoptera.

Adams, 9; Isle Royale, Lake Superior, relation to the North American centers of dispersal.

Barkowski, 139; Necrophoren.

Blatchley, 240; Indiana catalogue exclusive of *Rhynchophora.*

Blatchley, 241; *Aleocharinae* of Indiana.

Bowditch, 291; *Pachybrachys* 3 spp. n.

Casey, 450, 451, 452.

Champlain & Kirk, 467; *Carabidae* Harrisburg with notes.

Fall, 881; *Anisotomini* 6 spp. n., gen. n.

Fall, 882; *Pogonocherus* spp. n. western U.S.

Fall, 883; *Chrysobothris* spp. n.

Fall, 884; spp. n., genn. n.

Fenyes, 908; Arizona *Aleocharini* gen. n.

Fenyes, 909; *Aleocharinae* California 2 spp. n.

Fox, 954; *Cicindelidae* New Jersey.

Frost, 972; Maine *Chrysobothris* sp. n.

Kerremans, 1432; U. S. *Acmæodera* 2 spp. n. and *Psiloptera* sp. n.

Kuhnt, 1572; *Tritoma* sp. n.

Leng, 1615; Northern Georgia.

Lewis, 1637; *Teretriosoma* sp. n.

Muttkowski, 1959; *Calcophora* Wisconsin.

Pierce, 2201; *Curculionidae* spp. n.

Schaeffer, 2527; Additions *Carabidae*.

Schaeffer, 2528; *Clavicornia* spp. n.

Swaine, 2877; Catalogue of described *Scolytidae*.

Swaine, 2878; *Eccoptogaster* sp. n.

Swaine, 2879; *Xyleborus* sp. n.

Tucker, 2964; Texas list.

†**Wickham, 3151**; New Florissant fossil.

Wickham, 3152; List Florida.

Wolcott, 3183; *Cleridae* spp. n.

Wolcott, 3184; *Cleridae*, 4 spp. n. gen. n.

Wolcott, 3185; Supplementary list Isle Royale.

Wolcott, 3186; *Cleridae* spp. n.

Hymenoptera.

Baker, 102; *Braconidae* spp. n.

Baker, 103; *Belomicrus* 2 spp. n.

Beutenmüller, 217; *Neuroterus* and their galls.

Bischoff, 233; *Chrysididae* spp. n.

Banks, 127 & 129; *Psammocharidae* spp. n.

†**Brues, 324**; The parasitic Hymenoptera of Florissant.

Brues, 325; Canada *Nasonia* sp. n.

Brues, 327; Washington Proctotrypidae list spp. n.

Brues, 328; Parasitica of North America spp. n.

Brues, 332; *Telenomus* sp. n.

Cameron, 432; *Diploteryga* southwest North America spp. n.

Cameron, 433; *Odynerinae* southwest United States spp. n.

Cockerell, 514; California *Apidae* 10 spp. n.

Cockerell, 516; 4 spp. n. *Andrena* and *Nomia*.

Cockerell, 517; *Apidae* 3 spp. n.

Cockerell, 522; 3 spp. n. *Nomia* and *Disparipes*.

Cockerell, 526; Alberta *Apidae* short list.

†**Cockerell, 528**; Florissant *Crabro* sp. n.

Cockerell, 530; 4 spp. n. *Dioxys*, *Osmia* and gen. n.

Cockerell, 535; U. S. *Apidae* 4 spp. n.

Cockerell, 542; *Osmia* spp. n. California.

Cockerell, 544; *Chelynia* and *Osmia* spp. n.

Cockerell, 547; *Ponera opaciceps* Colorado.

Cockerell, 552; *Nomada* Washington spp. n.

Cockerell, 554; Colorado *Apidae* 3 spp. n.

Cockerell, 558; Arizona *Elasmosoma* sp. n.

Cockerell, 560; *Nomia* spp. n.

Cockerell & Robbins, 562; Rocky mountain bees.

Crawford, 613; *Anthidium* New Jersey sp. n.

Crawford, 615; spp. n. *Braconidae*, *Chalcidae* and *Telenomus*.

Crawford, 617; 2 spp. n. *Merisus* and *Coleopisthia*.

Crawford, 618; *Chalcidae* 3 genn. et spp. n.

Crawford, 620; *Chalcidae* spp. n.

Ducke, 750; Révision des Guêpes sociales polygames d'Amérique.

Gahan, 1013; *Encyrtidae* 4 spp. n.

Girault, 1066; descriptive notes on the Chalcidoid *Mymaridae* 3 spp. n.

Girault & Sanders, 1068; *Pachycrepoideus* sp. n.

Girault & Sanders, 1069; *Pteromalidae* Illinois gen. n.

Graenicher, 1083; Wisconsin 4 spp. n., *Perdita* and *Anthidium*.

Kieffer, 1446; spp. n., gen. n.

Lovell, 1664; *Prosopis* sp. n.

Morley, 1931; *Ichneumonidae*.

Robbins, 2410; ants of northern Colorado.

Perkins, 2118; California *Ceraphron* sp. n.

Rohwer, 2420; *Bembecidae* Colorado.

Rohwer, 2421; California *Tenthredinidae* 3 spp. n., gen. n.

Rohwer, 2422; *Xyelidae* and *Lydidae* 9 spp. n.

Rohwer, 2423; *Empria* 8 spp. n.

Rohwer, 2424; *Pamphiliinae* 6 spp. n.

Rohwer, 2425; *Hoplocampa* 2 spp. n.

Rohwer, 2426; New Jersey Psenid spp. n.

Rohwer, 2431; New Jersey *Fossoria* spp. n.

Rohwer, 2432; United States *Pemphredonidae* spp. n.

Rohwer, 2434; On a collection of eastern Canada Tenthredinoidea, spp. n.

Sanders, 2511; Illinois *Hoplogryon* sp. n.

Swenk & Cockerell, 2880; *Prosopis* 2 spp. n.

Titus, 2944; Annotated list Isle Royale, *Diodontus* sp. n.

Tucker, 2965; U.S. *Meraporus* 3 spp. n.

Tucker, 2967; Additions Kansas.

Viereck, 3024; *Braconidae* and *Ichneumonidae* spp. n.

Viereck, 3025; New Jersey etc. spp. n.

Viereck, 3026; *Ichneumonidae* and *Braconidae* spp. n.

Wheeler, 3139; Ants of Isle Royale.

Whitmarsh, 3148; North American *Paniscini*.

Withington, 3179; *Ephedrus* spp. n.

Lepidoptera.

Barnes & McDunnough, 141; *Callicista* sp. n.

Barnes & McDunnough, 140; U.S. spp. n., *Apantesis*, *Euchaetias*, *Halesidota*, *Litodonta*, *Eunotela*, *Heterocampa*, *Noctuidae* 6 spp. and 2 genn. n., *Gloveria* and *Lagoa*.

Barnes & McDunnough, 142; *Cossidae*, 6 spp. n., gen. n.

Barnes & McDunnough, 143; *Heterocera* spp. n.

Barnes & McDunnough, 144; List of *Sphingidae*.

Braun, 299; *Tineina* California, 3 spp. n.

Busck, 381; New York *Gelechia* sp. n.

Busck, 362; New Microlepidoptera New Mexico and California.

Busck, 386; *Ethmia* sp. n. Colorado.

Cockerell, 528; *Ceramidia* sp. n. imported.

Cockle, 564; Kaslo.

Coolidge, 585; California *Rhopalocera*.

Dietz, 695; *Blastobasidae* Revision, spp. n.

Dod, 721; Alberta *Autographa* sp. n.

Dyar, 765; California spp. n.

Dyar, 769; *Lactilia* 2 spp. n.

Dyar, 774; *Graptolitha* 2 spp. n.

Ely, 802; Connecticut *Coriscium* sp. n.

Ely, 803; Connecticut *Acrobasis* 2 spp. n.

Ely, 804; *Micro-lepidoptera*, spp. n.

Ely, 805; *Phycitinae* and *Crambinae* spp. n.

Forbes, 936; Massachusetts *Nymphula* and *Pyrausta*.

Frost, 974; Maine *Geometridae*.

Fyles, Canad. Ent. 42 p. 332; Quebec *Basilona imperialis*.

Grossbeck, 1115; *Geometridae* spp. n., gen. n.

Grossbeck, 1116; *Pero* spp. n.

Hampson, 1166; *Acronytinae* 8 spp. n.

Hampson, 1167; *Erastrianae* spp. n.

Newcomer, 2000; Lake Tahoe *Rhopalocera*.

Pearsall, 2095; *Stamnodes* sp. n.

Pearsall, 2097; *Geometridae* gen. et sp. n.

Pearsall, 2098; *Eupithecia* spp. n. U.S. and Canada.

Pearsall, 2099; *Eupithecia* spp. n. California.

Pearsall, 2100; *Geometridae* 5 spp. n.

Rothschild, 2459; *Ecpantheria* sp. n. *Pygarctia* spp. n.

Russell, 2494; Brit. Columbia *Rhopalocera.*

Smith, 2739; *Mamestra* sp. n. British Columbia.

Smith, 2741; *Taeniocampa* spp. n.

Smith, 2742; *Renia* sp. n.

Smith, 2743; *Mamestra* sp. n.

Smith, 2746; *Noctuidae* spp. n.

Smith, 2747; *Agroperina* spp. n.

Smith, 2749; *Noctuidae* of California, synopsis.

Smith, 2750; *Noctuidae* of California 2.

Smith, 2752; *Anytus* sp. n.

Smith, 2754; *Noctuidae* spp. n.

Swett, 2881; *Hydriomena* sp. n

Swett, 2882; *Cingilia* sp. n. Maine.

Taylor, 2916; *Eupithecia* 3 spp. n.

Taylor, 2917; Canada *Eupithecia* 7 spp. n.

Taylor, 2918; W. N. America *Mesoleuca* 4 spp. n.

Thierry-Mieg, 2932; Alaska *Fidonia* sp. n.

Williams, 3165; San Francisco *Rhopalocera.*

Williams, 3166; Mt. Shasta.

Diptera.

Alexander, 22; Fulton County *Tipulidae.*

(**Baker, 100**; Californian and Nevadan.)

Bezzi, 220; *Asilidae* spp. n.

Brues, 326; *Phoridae* 2 spp. n.

Cockerell, 527; *Trichobius* sp. n.

Coquillett, 591; 12 spp. n., *Metacosmus, Dolichopus* and *Acalyptratae.*

Coquillett, 595; genn. n., spp. n.

Daecke, 639; Trypetid galls, *Eurosta* n. sp.

Felt, 903; *Cecidomyiidae* 2 spp. n.

Gerhard, 1033; Chicago list of mosquitoes.

Graenicher, 1082; 2 spp. n., *Anthrax* and *Zodion.*

Graenicher, 1085; Wisconsin *Bombyliidae, Syrphidae* and *Conopidae.*

Hendel, 1222; 2 spp. n., *Euxesta* and *Acrosticta.*

Hine, 1243; Louisiana *Tabanidae.*

Hine, 1244; Isle Royale.

Johannsen, 1382 & 1384; *Mycetophilidae* general work.

Johnson, 1390; *Agathomyia* spp., eastern U.S., revision.

Johnson, 1392; Additions New England.

Melander, 1822; *Tachydromia* spp. n.

Osburn, 2055; *Syrphus* sp. n.

Stein, 2805; Alaska and California *Fucellia* spp. n.

Thibault, 2929; Mosquitoes of Arkansas.

Thompson, 2935; *Leucopis* sp. n.

Tucker, 2967; Additions Kansas.

Walton, 3071; *Dasyllis* Pennsylvania sp. n.

Aphaniptera.

(**Baker, 101**; 2 spp. n.)

Fox, 952; *Ceratophyllus idahoensis* Alaska.

Rothschild, 2453; California *Ceratophyllus* sp. n.

Hemiptera.

Baker, 104; Californian *Emesidae* spp. n.

Ball, 107; *Thamnotettix* 17 spp. n.

Ball, 108; *Issidae* genn. n.

Banks, 125; *Reduviidae* 4 spp. n.

Banks, 133; Nearctic *Heteroptera* Catalogue.

Barber, 135; New *Hemiptera-Heteroptera.*

Barber, 136; *Coccidae* Audubon Park, New Orleans.

Bueno, 353; Westchester *Heteroptera.*

Bueno, Canad. Ent. **42** p. 29; Localities Claremont and N. York.

Bueno & Engelhardt, 354; Virginia and Carolina list.

Cockerell, 531; *Aleyrodes* sp. n.

Cockerell, 533; *Aleyrodes* sp. n.

Cockerell, 543; *Pachypsylla* sp. n. Colorado.

Cockerell, 548; *Coccidae* of Boulder county.

Cockerell & Rohwer, 563; gen. n. near *Eriococcus.*

Cockerell & Falk, 561; Two *Coccidae* new to Colorado.

Crawford, 606; *Trioza* spp. n.

Davidson, 657; California *Aphididae.*

Davis, 659; *Aphididae* Illinois, 2 spp. n.

Davis, 661; List *Aphididae* of Illinois.

Davis, 662; *Cicada* sp. n.

Dean, 665; *Coccidae* of Kansas.

Essig, 848; *Pseudococcus* spp. n.

Essig, 845, 849, 852, 856 & 860; *Aphididae* southern California.

Essig, 846, 847, 851 & 855; Notes on Californain *Coccidae* spp. n.

Essig, 861, *Pseudococcus* sp. n. California.

Fullaway, 1007; *Ceroputo* sp. n.

Heidemann, 1208; *Leptoglossus* spp. n.

Heidemann, 1209; *Capsus* sp. n.

Herrick, 1228; *Targionia* sp. n.

Horvath, 1292; Brit. Columbia *Clinocoris* sp. n.

†**Kirkaldy, 1484**; Colorado 3 spp. n.

Kirkaldy, 1489; California preliminary list.

Manee, 1739; *Fulgoridae* 2 spp. n.

Matausch, 1781; *Membracidae* N. Jersey.

Montandon, 1909; *Ranatra* sp. n.

Montandon, 1911; Texas *Ambrysus* sp. n.

Patch, 2087; *Tetraneura* sp. n.

Patch, 2088; *Aphidae* Maine.

Van Duzee, 3002; *Platymetopius* spp. n.

Van Duzee, 3003; *Crophius* Monograph, spp. n.

Van Duzee, 3004; *Catonia* 2 spp. n.

Van Duzee, 3006; spp. n.

Williams, 3167; *Aphididae* of Nebraska spp. n.

Zimmer, 3224a; 2 spp. n. *Annectus* and *Euschistus.*

Thysanoptera.

Crawford, 604 & 611; *Thysanoptera* of California.

Crawford, 609; New *Thysanoptera* southern California.

Lipoptera (or *Mallophaga.*)

Carriker & Shull, 445; Michigan *Mallophaga.*

Ephemeroptera.

Banks, 124; *Heptagenia* 7 spp. n.

Needham, 1982; Sacandaga park sp. n.

Odonata (or *Paraneuroptera*).

Hebard, 1202; Records northern Michigan.

Muttkowski, 1956; Wisconsin.

Muttkowski, 1958; *Gomphus cornutus* Wisconsin.

Muttkowski, 1962; Catalogue.

Orthoptera.

Allard, 25; New England, late October.

Allard, 27; *Gryllidae* and *Locustidae* Georgia.

Caudell, 455; Georgia *Xiphidion* sp. n.

Caudell, 456; *Locustidae* gen. n.

Hebard, 1203; Spring and late fall New Haven.

Morse, 1937; Isle Royale.

Rehn, 2307; Western Canada records.

Rehn, 2311; Idaho *Trimerotropis* sp. n.

Rehn & Hebard, 2312; Three new records.

Rehn & Hebard, 2313; *Ischnoptera* spp. n.

†**Sellards, 2659**; *Blattidae* Kansas Coal measures and Permian.

Walker, 3064; Canada annotated list.

Thysanura.

Silvestri, 2713; *Japygidae* spp. n.

Central America.

Insecta, collectively.

Crawford, 608; Expedition to Guadalajara.

Coleoptera.

Becker, 167; Mexico *Cetoniidae* gen. n.

Bernhauer, 207; *Staphyliniden* spp. n., genn. n.

Bowditch, 291; Mexico *Pachybrachys* sp. n.

Casey, 452; *Pinophilus* 4 spp. n.

Champion, 465; *Curculionidae* many spp. n.

Desbrochers, 683; Mexico and Nicaragua *Zygops* 2 spp. n.

Gahan, 1015; Mexico *Cleridae* gen. n.

Gillet, 1053; *Copris* sp. n.

Kerremans, 1432; Mexico *Acamaeodera* sp. n., Costa Rica *Psiloptera* sp. n.

Kolbe, 1529; *Phileurides* genn. and spp. n.

Kuhnt, 1572; *Erotylidae* spp. n.

Lewis, 1637; Mexico *Teretriosoma* sp. n.

Mason, 1778; Mexico collecting trip.

Schmidt, 2565; Mexico spp. n., *Aphodius, Ataenius.*

Sternberg, 2817; *Strategus* sp. n.

Weise, 3119; *Hispidae* spp. n.

Weise, 3121; *Chalepotatus minor, Octhispa designata, Penthispa parumpunctata*, spp. n.

Zaitzev, 3210; Guatemala *Bidessus* sp. n.

Hymenoptera.

Bischoff, 233; *Chrysididae* spp. n.

Brues, 329, Parasitic *Hymenoptera* Vera Cruz.

Cockerell, 516; Mexico *Apidae* 5 spp. n. *Melissodes, Halictus, Andrena.*

Cockerell, 517; Mexico *Xenoglossa* sp. n.

Ducke, 750; Révision des Guêpes sociales polygames d'Amérique.

Friese, 960; Mexico *Augochlora* sp. n.

Metz, 1839; *Colletes*, spp. n., Mexico.

Schulthess Rechberg, 2622; Costa Rica *Eumenidae* gen. n.

Wheeler, 3140; Guatemala *Myrmicidae* 2 genn. n.

Lepidoptera.

Busck, 384; Mexico, 2 spp. n., *Ethmia* and *Stenoma.*

Busck, 386; *Ethmia* sp. n. Costa Rica.

Busck, 387; Costa Rica, *Stenoma* spp. n.

Busck, 390; *Trichostibas* spp. n.

Cockerell, 528; Honduras *Ceramidia* sp. n.

Dyar, 775; Mexico, genn. et spp. n.

Dyar, 767; *Euclea* sp. n. Costa Rica.

Hampson, 1166; *Acronyctinae* 8 spp. n.

Hampson, 1167; *Erastrianae* spp. n.

Prout, 2262; Mexico *Gynopteryx* sp. n.

Prout, 2265; *Zanclopteryx* sp. n.

Rothschild, 2457; Chiriqui *Cosmosoma* 2 spp. n.

Rothschild, 2458; Costa Rica *Diacrisia* sp. n.

Rothschild, 2459; Costa Rica *Arctianae* 2 spp. n.

Rothschild & Jordan, 2463; Chiriqui *Xylophanes* sp. n.

Schaus, 2530; Costa Rica, *Syntomidae, Noctuidae, Hypsidae*, 51 spp. n.

Schaus, 2531; Costa Rica *Bombyces* 51 spp. n.

Schaus, 2532; Costa Rica, 49 spp. n., *Lasiocampidae* and *Notodontidae.*

Walsingham, 3067; *Gelechiidae* spp. n., genn. n.

Neuroptera.

Enderlein, 813; Mexico *Trichoscelia* sp. n.

Diptera.

Hendel, 1220; *Procrita* sp. n. Costa Rica.

Melander, 1822; Mexico *Tachydromia* sp. n.

Hemiptera.

Crawford, 606; *Trioza* spp. n.

Distant, 706; *Rihana belizensis* sp. n. British Honduras.

Montandon, 1907; *Ranatra* sp. n.

Osborn, 2054; Guatemala spp. n.

Van Duzee, 3002; *Platymetopius* sp. n.

Thysanoptera.

Bagnall, 98; spp. n.

Crawford, 605; *Thysanoptera* of middle America.

Crawford, 610; spp. n.

Lipoptera (or *Mallophaga*).

Kellogg & Paine, 1425; Panama birds and mammals.

Odonata (or *Paraneuroptera*).

Ris, 2407; Panama *Perithemis* sp. n.

Orthoptera.

Borelli, 273; *Sparatta* sp. n. Costa Rica.

Burr, 375; Guatemala *Leptisolabis* sp. n.

Caudell, 456; Panama *Locustidae* gen. n.

Thysanura and Collembola.

Silvestri, 2712; Mexico *Cyphoderus* sp. n.

Silvestri, 2713; Mexico *Japygidae* spp. n.

Antilles.

Incl. Bermudas; excl. Trinidad.

Coleoptera.

Cameron, 409; Haiti *Pentomacrus* 2 spp. n.

Casey, 451; *Balaninus, Tychius* and allies 38 spp. n.

Casey, 451; Bahamas gen. n. near *Thysanocnemis.*

Casey, 452; Cuba *Sciocharis* etc. spp. n.

Kolbe, 1529; Haiti gen n. *Phileurides.*

Kuhnt, 1572; Cuba *Oocyanus.*

Hymenoptera.

Cockerell, 553; Jamaica *Agapostemon* sp. n.

Cockerell, 559; *Augochlora* spp. n.

Santschi, 2517; Fourmi Cuba.

Wheeler, 3140; Grenada *Myrmecini* 2 genn. n.

Lepidoptera.

Buxton, 399; Jamaica notes.

Hampson, 1166; Jamaica and Bahamas *Acronyctinae* 2 spp. n.

Hampson, 1167; *Erastrianae* spp. n.

Jones, 1395; *Macrolepidoptera* of the Bermudas.

Rothschild, 2458; Cuba *Haemanota* sp. n.

Rothschild & Jordan, 2463; Cuba *Cocytius* sp. n.

Neuroptera.

Enderlein, 813; Cuba *Mantispidae* gen. n.

Diptera.

Felt, 904; *Schizomyia* sp. n. St. Vincent.

Felt, 905; West Indian *Cecidomyiidae.*

Melander, 1822; *Tachydromia* sp. n.

Hemiptera.

Lindinger, 1652; Porto Rico *Chrysomphalus* sp. n.

Poppius, 2232; Guadeloupe *Cylapina* spp. n.

Poppius, 2233; Guadeloupe *Anthocoridae* spp. n.

Poppius, 2235; Guadeloupe *Ceratocombidae* spp. n.

Thysanoptera.

Crawford, 605.

Orthoptera.

Rehn, 2309; Porto Rico, Culebra and Vieques islands.

Rehn, 2310; Bermuda.

South America, including Trinidad.

Insecta, collectively.

Kieffer & Herbst, 1462; Neue Gallen und Gallenerzeuger, Chile.

Kieffer & Jörgensen, 1463; Gallen und Gallentiere aus Argentinien.

Lüderwaldt, 1696; Insekten auf dem Campo Itatiaya.

Coleoptera.

Achard, 8; *Callichroma* 2 spp. n.

Aurivillius, 65; *Cerambycidae* Brasilien 3 spp. n., Columbien 1 sp. n., Venezuela 2 spp. n., Feuerland 1 sp. n.

Beguin-Billecoq, 178; *Apion*, Argentine.

Bickhardt, 228; Uruguay *Saprinus* sp. n.

Bickhardt, 229; Uruguay 2 spp. n. *Phelister* and *Saprinus*, gen. n.

Brèthes, 302; *Heteromera* and *Curculionidae* 28 spp. n., genn. n.

Desbrochers, 683; 13 spp. n., *Zygops*, *Parazygops*, *Lophotus*, *Homalonotus* and *Erethisthes*.

Ewers, 872; Brazil *Tesserocerus* 2 spp. n.

Felsche, 900; *Copridae* spp. n.

Fiebrig, 915; Cassiden und Cryptocephaliden Paraguays, 2 spp. n.

Fleutiaux, 928; *Elateridae* et *Melasidae* nouveaux.

Gahan, 1015; Rio *Epiphloeus* sp. n.

Gebien, 1026; *Phrenapates* 4 spp. n.

Gounelle, 1078; Cérambycides de l'Equateur.

Gounelle, 1080; *Rhatymoscelis* 2 spp. n.

Hagedorn, 1151; *Scolytidae* 2 spp. n.

Jensen-Haarup, 1371; West Argentina, spp. n., *Berosus*, *Bembidium* and *Tachys*.

Kerremans, 1432; *Psiloptera* 3 spp. n.

Lesne, 1623; Clérides de l'Equateur.

Léveillé, 1636; *Tenebroides* Haut-Brésil.

Lewis, 1637; *Histeridae* 7 spp. n.

Kolbe, 1529; *Phileuridae* genn. and spp. n.

Kuhnt, 1572; *Erotylidae* spp. n.

Lüderwaldt, 1693; Brazil *Actinobolus* n. sp.

Moser, 1944; *Genuchinus* 2 spp. n.

Moser, 1945; *Gymnetis* 2 spp. n.

Ohaus, 2030; 6 spp. n., *Chlorota*, *Pseudochlorota*, *Lasiocala*.

Ohaus, 2031; Neue Coleoptera Argentinien Lamellicornia 14 spp. n., genn. n.

Ohaus, 2033; Dynastiden spp. n.

Olivier, 2045; Equateur Lampyrides.

Olivier, 2050; *Phrixothrix* sp. n.

Pangella, 2076; Buprestidae Darien e Ecuador.

Pangella, 2077; Buprestidae, Chaco boliviano, Matto Grosso e Argentina.

Pic, 2153; Equateur, *Ptinides*, *Anthicides*, *Hylophilides*.

Pic, 2156; Téléphorides.

Pic, 2170; spp. n., *Ptinus* and *Nemognatha*.

Pic, 2177; *Lystronychus* du Brésil.

Schmidt, 2563; 4 spp. n. *Aphodiinae*.

Schmidt, 2565; *Aphodiini* spp. n.

Spaeth, 2782; *Hemisphaerota* 5 spp. n.

Sternberg, 2816; Chile and Ecuador *Golofa* 2 spp. n.

Sternberg, 2817; *Strategus* 2 spp. n.

Tremoleras, 2957; Skizze von Uruguay.

Weise, 3119; *Hispidae* spp. n.

Weise, 3120; *Coccinellidae* sp. n.

Weise, 3121; Hispinen, 25 n. spp.

Hymenoptera.

Bertoni & Schrottky, 211; *Apidae* 18 spp. n.

Bischoff, 233; *Chrysididae* spp. n.

Brèthes, 302; many spp. n.

Brues, 323; Brazil *Platygasteridae* 8 spp. n.

Cockerell, 523; Guiana *Trigona* sp. n.

Cockerell, 553; Ecuador *Hemisia* sp. n.

Cockerell, 555; Ecuador *Mesocheira.*

Ducke, 753; Scoliides.

Ducke, 754; Nord-est du Brésil spp. n.

Forel, 937; Colombia *Pheidole* sp. n.

Friese, 957; Neue *Tetrapedia.*

Friese, 958; *Apidae* spp. n.

Friese, 960; Argentinien *Apidae* 18 spp. n.

Kieffer, 1441; *Diapriides* many spp. n.

Kieffer, 1447; Nouveaux *Microhyménoptères* Brésil.

Kieffer, 1449; Nouveaux *Evaniidae.*

Meade-Waldo, 1799; Amazons *Odynerus* sp. n.

Rohwer, 2430; *Trichotaxonus* gen. n. Chile.

Schmiedeknecht, 2578; Peru *Mesophialtes* gen. n.

Schrottky, 2608; *Scoliidae* und *Elididae* 4 spp. n.

Schrottky, 2611; *Prosopis* 8 spp. n.

Schrottky, 2612; *Anthidium* spp. n.

Schrottky, 2613; *Apidae* numerous spp. n.

Schrottky, 2614; 2 spp. n. *Pseudabia* and *Amblyteles.*

Schrottky, 2615; *Nomadidae* 2 spp. n.

Schrottky, 2616; *Ammophila* Argentinien, 3 spp. n.

Schrottky, 2617; *Fossoria* 4 spp. n.

Strand, 2854; *Apidae, Sphegidae,* 4 spp. n.

Strand, 2857; Hymenopterenfauna von Paraguay.

Strand, 2858; Paraguay *Cabronidae* many spp. n.

Strand, 2859; Paraguay *Apidae* many spp. n.

Turner, 2982; *Thynnidae* and *Scoliidae* many spp. n.

Zavattari, 3215; *Masaridae* gen. n.

Lepidoptera.

Busck, 390; Brazil *Trichostibas* spp. n.

Dognin, 724; 20 spp. n. *Geometridae* and *Pyralidae, Tineidae* gen. n.

Dognin, 725; Many spp. n., *Syntomidae, Lithosiidae, Arctiidae, Noctuidae, Lymantriidae, Hypsidae, Notodontidae, Geometridae, Cossidae, Lacosomidae, Limacodidae, Dalceridae, Zygaenidae, Pyralidae, Oecophoridae.*

Druce, 740; 38 spp. n., *Copidryas, Lophocampa, Pericopis, Chrysochlorosia, Ptychoglene, Dalcera, Pheosia, Erocha, Iscadia, Elaeognatha, Melittia, Tamyra, Macalla* and *Erupa.*

Dyar, 770; Venezuela *Megalopyge* sp. n.

Dyar, 771; Guiana spp. n.

Dyar, 772; *Cochlidiidae* 3 spp. n.

Dyar, 773; *Megalopygidae* spp. n.

Dyar, 776; British Guiana, spp. n.

Fassl, 886; Sammeltour nach dem Choco-Gebiet in West-Columbien.

Fassl, 887; Tropische Reisen.

Fassl, 888; West-Columbien *Dismorphia* spp. n.

Fletcher, 925; Amazons gen. n. *Pterophoridae.*

Hampson, 1166; *Acronyctinae* 18 spp. n.

Hampson, 1167; *Erastrianae* spp. n.

Jordan, 1400; Minas Geraës *Dirphia* sp. n.

Jordan, 1401; *Actinote* 4 spp. n.

Jordan, 1402; 5 spp. n., *Automeris, Hyperchiria* and *Eacles.*

Joseph, 1403; Brazil *Heliconiinae* of Burchell.

Prout, 2262; *Geometridae* 70 spp. n., genn. n.

Prout, 2265; *Oenochrominae* 6 spp. n.

Prout, 2266; Argentina *Geometridae* many spp. n., genn. n.

Rothschild, 2457; Northern South America and Trinidad *Syntomidae* 13 spp. n.

Rothschild, 2458; *Arctianae* 51 spp. n.

Rothschild, 2459; *Arctianae* 35 spp. n., Patagonia 2 spp. n.

Rothschild, 2461; *Arctianae* 5 spp. n.

Rothschild & Jordan, 2462; Amazons *Sphingidae* 4 spp. n.

Rothschild & Jordan, 2463; Matto Grosso *Perigonia* sp. n.

Schrottky, 2610; *Syntomidae* Paraguay's, 4 spp. n.

Stichel, 2823; *Riodinidae* many spp. n., genn. n.

Thierry-Mieg, 2932; Rio de Janeiro *Cataspilates* sp. n.

Tremoleras, 2956; Uruguay, short annotated list.

Walsingham, 3067; *Gelechiidae.*

Trichoptera.

Banks, 131; spp. n.

Neuroptera.

Banks, 131; spp. n.

Enderlein, 813; *Mantispidae* spp. n.

Enderlein, 814; *Sialis* sp. n. Columbien.

Navás, 1968; Chile, *Chrysopa* sp. n., Guyana gen. n.

Navás, 1969; *Hemerobiidae* 3 spp. n.

Navás, 1973; Ecuador *Chrysopa* 2 spp. n.

Navás, 1975; Chile gen. n. *Mantispidae* and *Sympherobius* sp. n.

Diptera.

Bezzi, 220; *Asilidae* spp. n.

Bezzi, 221; *Microdon.*

Bezzi, 222; Chile, Peru und Bolivia. *Empididae* spp. n.

Brèthes, 303; *Culicidae, Tabanidae* and *Oncodidae* spp. n.

Enderlein, 816; *Mycetophilidae* many genn. et spp. n.

Hendel, 1220; Peru and Bolivia 2 spp. n., *Eurychoromyia* and *Physogenia.*

Hendel, 1222; Peru *Acrosticta* sp. n.

Lichtwardt, 1639; Nemestriniden spp. n.

Lutz, 1710; Brazil *Simulium* 5 spp. n., Id. 19 spp. n.

Lutz & Neiva, 1713; Brazil *Erephopsis* sp. n.

Lutz & Neiva, 1714; Brazil *Tabanidae* lists.

Newstead & Thomas, 2007; Amazons *Culicidae.*

Stein, 2805; Chile *Fucellia* sp. n.

Theobald, 2926; *Culicidae* spp. n.

Hemiptera.

Bergroth, 192; *Miridae* 6 spp. n., genn. n.

Cockerell, 529; Argentina *Ceroplastes* sp. n.

Cockerell, 536; Argentina *Pseudococcus* sp. n.

Enderlein, 820; *Panisopelma* Argentinien gen n.

Horváth, 1290; *Hesperoctenes* n. sp. Brésil.

Lindinger, 1647; *Gymnaspis* sp. n.

Montandon, 1907; *Ranatra* 2 spp. n.

Montandon, 1911; Brazil *Limnocoris* sp. n.—**1914**; *Limnocoris* sp. n.

Poppius, 2232; Cylapina spp. n.

Poppius, 2233; 4 spp. n.

Poppius, 2235; Venezuela *Schizoptera* sp. n.

Reuter, 2368; *Miridarum* spp. n.

Reuter, 2374; *Miridae* gen. et sp. n.

Schmidt, 2568; *Fulgoridae* 2 spp. n.

Schmidt, 2569; *Cercopiden.*

Schumacher, 2642; *Discocera* 2 spp. n.

Thysanoptera.

Bagnall, 98; spp. n.

Psocoptera.

Enderlein, 808; Paraguay 10 spp. n.

Enderlein, 819; spp. n., gen. n.

Lipoptera (or *Mallophaga*).

Kellogg, 1422; From *Opisthocomus hoazin.*

Odonata (or *Paraneuroptera*).

Förster, 929; Sao Paolo *Tramea* sp. n.

Ris, 2407; *Libellulinae* spp. n.

Orthoptera.

Borelli, 271; Equateur *Forficulidae.*

Bruner, 336; *Acridioidea* Paraguay, spp. n.

Bruner, 337; Peru *Acridiodea* spp. n.

Burr, 373; 2 spp. n. Brazil *Brachylabis* and *Psalis.*

Caudell, 457; *Stagmomantis* sp. n. British Guiana.

Chopard, 498; Mantide nouveau de la Guyane française.

Chopard, 499; *Thespis* Guyane française 2 spp. n.

Dohrn, 727; 2 spp. n. *Damasippus* and *Prisopus.*

Rehn, 2306; *Trybliophorus* sp. n.

Schmutz, 2584; n. gen. Brasilien.

Shelford, 2691; Brazil gen. n. *Epilamprinae.*

Shelford, 2692; Brazil *Pelmatosilpha* sp. n.

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Anepsiota = (*Athetota* C.), CASEY p. 107 Canad. Ent. **42.**

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Deleaster trimaculatus **sp. n.** Colorado p. 115, Fall Trans. Amer. Ent. Soc. **36.**

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Echochara lucifuga = (*Calodera cavicola* Garm.), CASEY p. 108 Canad. Ent. **42.**

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Espeson subtilis **sp. n.** Mexiko, BERNHAUER p. 352 Wien Verh. zool.-bot. Ges. **60.**

Eucharina sulcicollis = (*rugosa* C.), CASEY p. 108 Canad. Ent. **42.**

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Heterothops boops **sp. n.** Mexiko, BERNHAUER p. 383 Wien Verh. zool.-bot. Ges. **60.**

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Holisus Er. = (*Hyptioma* C.), CASEY p. 106 Canad. Ent. **42.**

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Leptotyphlus tuniseus **sp. n.** p. 87, *grouvellei*, *doderoi* n. var. p. 88, NORMAND Bull. Soc. ent. France **1910.**

Leptusa hercegovinensis **sp. n.** Herzegowina, BERNHAUER p. 72 Soc. ent. **25.**—*L. fischeri* Alpes marit., *hummleri* Spanien, **spp. n.,** BERNHAUER Ent. Bl. **6** p. 258.—*L. elegans* p. 342, *obscura* p. 343, **spp. n.,** Indiana, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Lesteva sicula and *punctata*, BEARE p. 117 Ent. Mag. **46.**

Leucitus semichalceus, *mandibularis*, *bernhaueri*, **spp. n.,** N.-Guinea, HELLER pp. 9–10 Abh. Mus. Dresden **13** 3.

Lithocaon fenyesi **sp. n.** Mexiko, BERNHAUER p. 374 Verh. z.-b. Ges. Wien. **60.**

Lithocharis granipennis **sp. n.,** BROUN p. 16 Bull. No. 1 N.Z. Inst.

Mayetia perpusilla **sp. n.** p. 328, NORMAND Bull. Soc. ent. France **1909.**

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Microlathra lineiformis **sp. n.** Iowa p. 187, CASEY Mem. Col. **1.**

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Ocyusa asperula = (*brevipennis* B.), CASEY p. 108 Canad. Ent. **42.**

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. 7.—*O. palustris* **sp. n.** Indiana p. 362, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**—*O. nitescens* **sp. n.** Mexiko, BERNHAUER p. 392 Wien Verh. zool.-bot. Ges. **60.**

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Phyllodrepa grandiloqua **sp. n.** Schottland, LUZE p. 394 Wien Verh. zool.-bot. Ges. **60.**

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Quedius talparum **sp. n.** p. 158, DEVILLE Bull. Soc. ent. France **1910.**—*Q. mandli* **sp. n.** Spanien, BERNHAUER Ent. Bl. **6** p. 257.—*Q. tinctellus, aeneiventris,* p. 14, *longicepes* p. 15, **spp. n.,** BROUN Bull. No. 1 N. Z. Inst.

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Staphylinus glazunovi Luze = *sibiricus* Gebl. (Russ.), Jatzentkovsky Rev. russ. ent. **10** p. 83.

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Thinocharis japonica n. n. für *brevicornis* Bernh. 1907, Bernhauer Ent. Bl. **5** p. 199.

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Velleius dilatatus, Lebensweise, Reineck p. 89 Ent. Rdsch. **27.**

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Xenopygus cordovensis **sp. n.** Mexiko, Bernhauer p. 377 Wien Verh. zool.-bot. Ges. **60.**

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Articerodes latus **sp. n.** S. Africa, RAFFRAY Ann. S. Afric. Mus. **5** p. 421.

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Bythinus (*Tychobythinus*) *abnormipes* **sp. n.** Zante, REITTER p. 158 Wien ent. Ztg. **29.**—*B.* pœcilandrie discontinue, PEYERIMHOFF Paris Bul. soc. ent. **1910** pp. 287–291 fig.—*B. glabratus*, SAINTE-CLAIRE DEVILLE Abeille **31** p. 153.

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Pselaphus tergitalis **sp. n.** Transkaspien, REITTER Ent. Bl. **6** p. 56.

Sagolonus impressus **sp. n.** BROUN p. 21 Bull. No. 1 N.Z. Inst.

Sognorus subtilipalpis **sp. n.** Transcaspian, REITTER p. 159 Wien ent. Ztg **29.**

Tychus rufus var. *reitteri* nom. nov. für *nodicornis* Rt., JACOBSON Käfer Russlands (Russ.) Lief. 8 p. 583.

Tyrogetus palpalis **sp. n.**, BROUN p. 23 Bull. No. 1 N.Z. Inst.

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Cephennium fairmairei nom. n. für *intermedium* Fairm., JACOBSON Käfer Russlands Lief. 8 p. 591.

Euconnus similis **sp. n.** Indiana p. 295 f. 145, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Eumicrus ochreatus = (*cruralis* C.), CASEY p. 109 Canad. Ent. **42.**

Euthia linearis Synonymie, *deubeli*, Weibchen von *linearis*, FLEISCHER p. 326 Wien ent. Ztg. **29.**

Neuraphes hypogaeus **sp. n.** p. 329, NORMAN Bull. Soc. ent. France **1909.**—*N. rubicundus*, Uebersicht der verwandten Arten, REITTER p. 147 Wien ent. Ztg. **29.**—*N. verticicornis* **sp. n.** Transsylvanische Alpen, REITTER p. 272 T.c. —*N. ottonis* **sp. n.** Italy, REITTER p. 161 T.c.—*N. dieneri* **sp. n.** Hungaria, CSIKI Ann. Mus. Hung. p. 590.

Stenichnus (*Cyrtoscydmus*) *depressipennis* **sp. n.** Sicily, REITTER p. 163 Wien ent. Ztg. **29.**

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Nouvelle classification des Silphides cavernicoles, JEANNEL Arch. Zool. exp. **5** pp. 1–48.

Ueber Jeannels neues System der Grotten-Silphiden, REITTER p. 317 Wien ent. Ztg. **29.**

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Ablattaria arienaria punctigera Attica, REITTER p. 100 Wien ent. Ztg. **29.**

Agathidium portevini nom. n. für *bicolor* Portv., JACOBSON Käfer Russlands Lief. 8 p. 623.

Anisotoma opacipennis, similis, p. 5, *antennata, sculpturata,* p. 6, **spp. n.**, N. America, FALL Canad. Ent. **42.**

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Antroherpon apfelbecki **sp. n.** Herzegowina, MÜLLER Zool. Anz. **36** p. 186.

Aphaobius kraussi (Penecke) **sp. n.**, *milleri* subsp. n. *springeri*, Oesterreich, MÜLLER p. 185 T.c.

Apholeuonus sequensi, REITTER p. 318 Wien ent. Ztg. **29.**

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Bathyscia eurycnemis, narentina, Synonymie, REITTER p. 318 Wien ent. Ztg. **29.**—*B. tristicula* subsp. n. *fallaciosa* Ragusa, MÜLLER Zool. Anz. **36** p. 184.—*B. heteromorpha* **sp. n.** Como, DODERA p. 203 Ann. Mus. Genova **4.**—*B.* (*Blattochaeta* subg. n.) *marianii* **sp. n.** Dalmatia, REITTER p. 164 Wien ent. Ztg. **29.**—*B. aubei, silvicola,* p. 51, *guedeli* p. 52, subspp. n., JEANNEL Bull. soc. ent. France **1910.**

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Catopomorphus tunisaeus **sp. n.**, TIC p. 41 Echange **26.**

Choleva pallida Neusibirische Inseln, POPPIUS Mém. Ac. sc. St. Peterburg Sér. 8 **18** 9 p. 10 pl. IA f. 10.

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Eusilpha Sem. zur Gattung erhoben, SEMENOV Rev. russ. ent. **9** p. 433.

Hohenwartia **gen. n.** p. 21 type *Bathyscia freyeri*, JEANNEL Arch. Zool. exp. **5.**

Leptodirus grouvellei **sp. n.** p. 29 fig., JEANNEL Bull. Soc. ent. France **1910.**

Leonhardella setniki, REITTER p. 318 Wien ent. Ztg. **29.**

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Necrophorus vestigator var. *brullei* nom. n. für *interruptus* Brullé, JACOBSON Käfer Russlands Lief. 8 p. 612.

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Xylodrepa quadripunctata f. n. *basifasciata* Deutschl., SCHULZE Intern. ent Zs. **4** p. 20.

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Leptinus testaceus **sp. n.** Indiana p. 271 f. 133, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

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Ptenidium; revision of British BRITTEN & NEWBERY Ent. Mag. **46** pp. 178–183.

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Indiana spp. descr., pp. 490–497 ff. 174–177, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Baeocera punctipennis **sp. n.** Indiana p. 494, BLATCHLEY T.c.—*B. humeralis* **sp. n.** U.S. p. 116, FALL Trans. Amer. Ent. Soc. **36.**

Scaphisoma dakotana p. 116, *semiopaca*, *ornata*, p. 117, **spp. n.**, U.S., FALL T.c.—*S. distincta* **sp. n.** Indiana p. 496, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

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Bacanius rhombophorus u. *soliman*, KAUFMANN Rovart. Lap. **17** p. 69.

Chelonosternus **gen. n.**, *tremolerasi* **sp. n.** Uruguay, BICKHARDT Ent. Bl. **5** p. 241–242.

Chlamydopsis formicicola, LEWIS p. 57 Ann. Nat. Hist. **6.**

Contipus somaliensis **sp. n.** Africa, LEWIS p. 53 T.c.

Coptotrophis ornatula, *mendozae*, **spp. n.**, S. America, LEWIS p. 46 T.c.

Cornillus binodulus **sp. n.** Brazil, LEWIS p. 52 T.c.

Ebonius aequatorius **sp. n.** Ecuador, LEWIS p. 51 T.c.

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Hister bickhardti **sp. n.** Turkestan, REITTER p. 38 Wien ent. Ztg. **1910.**—*H. merdarius* varr. n. *gerhardti* Deutschl. and *omissus* Frankreich, BICKHARDT Ent. Bl. **5** p. 205.—*H. leonhardi* Sibiria p. 180, *ertli* Kongo p. 181, *crenatipennis* O.-Africa p. 182, *herero* S.-W.-Africa p. 183, *longus* Kephalonia p. 184, **spp. n.**, *quadrimaculatus* var. n. *semimarginatus* Bosnia p. 177, *pustulosus* var. n. *nigripennis* Sicilia p. 180, BICKHARDT Ent. Bl. **6.**—*H. lewisi* n. n. für *sinuosus* Lew., *georgei* n. n. für *fractistrius* Lew., BICKHARDT p. 225 T.c.—*H. simulator* Senegal p. 54, *asoka* India p. 55, **spp. n.**, *guinensis* Payk. p. 54, *virginae* Cas. p. 55, *H. montanus* = (*pyxidatus* Lew. = *pharaonis* Schm.), *belti* n. n. für *castaneus* Lew., *bimaculatus* to *Peranus*, p. 56, LEWIS Ann. Nat. Hist. **6.**—*H. temporalis*, *humilis*, p. 120, *gagates* p. 121, **spp. n.**, U.S., FALL Trans. Amer. Ent. Soc. **36.**—*H. osculatus* **sp. n.** Indiana p. 607, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Neosaprinus **subg. n.** zu *Saprinus*, BICKHARDT Ent Bl. **5** p. 243.

Notodoma lewisi **sp. n.**, Syria, REITTER Ent. Bl. **6** p. 164.

Pachycraerus hyalus **sp. n.** Congo, LEWIS p. 56 Ann. Nat. Hist. **6.**

Phelister stercoricola **sp. n.** Uruguay, BICKHARDT Ent. Bl. **5** p. 223.

Platylister pacificus New Caledonia, *patruus* New Hebrides, **spp. n.**, LEWIS p. 50 Ann. Nat. Hist. **6.**

Platysoma brahmani **sp. n.** India, LEWIS p. 51 T.c.

Saprinus schatzmayri **sp. n.** Saloniki, MÜLLER p. 129 Wien ent. Ztg. **29.**—*S. hubenthali* Asia minor p. 220, *gnathoncoides* Uruguay p. 243, **spp. n.**, *semistriatus* var. n. *subnitescens* p. 221, BICKHARDT Ent. Bl. **5.**—*S. maculatus* ab. n. *stigmula* Transkaspien, *walkeri* n. n. für *rubripes* Walk, BICKHARDT Ent. Bl. **6** pp. 185–186.—*S. myrmecophilus* **sp. n.** Uruguay, *theryi* n. n. für *schmidti* Théry, BICKHARDT pp. 223–225 T.c.—*S. aerarius* n. n. for *aeratus* Lew., LEWIS p. 57 Ann. Nat. Hist. **6.**—*S. simulatus* p. 621 f. 236, *oviformis* p. 622, *lakensis* p. 623, **spp. n.**, Indiana, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Sternocoelis robustus **sp. n.**, PIC p. 33 Echange **26.**

Teretriosoma biguttatum Australia p. 47, *centenarium* Argentina, *striatum* Jalapa, p. 48, **spp. n.**, LEWIS Ann. Nat. Hist. **6.**

Teretrius alfierii **sp. n.**, PIC p. 9 Echange **26.**—*T. marginatus* **sp. n.** India, LEWIS p. 49 Ann. Nat. Hist. **6.**

Trypanaeus terebrans Bolivia p. 44, *colombiae* p. 45, **spp. n.**, LEWIS T.c.

Xenonychus laevidorsis **sp. n.** Transkaspien, REITTER Ent. Bl. 6 p. 13.

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Note synonymique, MEQUIGNON Paris Bul. soc. ent. **1910** pp. 210–211.

Amystrops bicolor **sp. n.** Java, GROUVELLE Notes Mus. Leiden **32** p. 244.

Brachypeplus triangularis p. 241 Sumatra, *brunneus* p. 243 Java, **spp. n.**, GROUVELLE T.c.

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†*Peltis laminata* **sp. n.** Florissant p. 48, WICKHAM Amer. J. Sci. **29.**

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Corymbites suvorovi sp. n. Semiretschie, REITTER p. 173 Wien ent. Ztg. **29.**—*C. aphrodite* **sp. n.** Singapore, SZOMBATHY Ann. Mus. Hung. **8** pp. 358–359.—*C. philippii* **sp. n.** p. 175, FLEUTIAUX Bull. Soc. ent. France **1910.**—*C. linearis* p. 132, *macer* p. 133, *rufipennis* p. 134, *nigricans, exclamationis*, p. 135, *polygenus* p. 136, California, *lutescens* Alberta p. 134, **spp. n.,** FALL Trans. Amer. Ent. Soc. **36.**

Cryptohypnus opacicollis Bukhara p. 174, *auricomus* Turkestan p. 175, *koltzei* Irkutsk, *haplonotus* Turkestan, p. 176, **spp. n.,** REITTER Wien ent. Ztg. **29.**—*C. riparius tournieri*, var. n., PIC p. 50 Echange **26.**

Csikia **gen. n.** near *Penia, dimatoides* **sp. n.** Formosa, SZOMBATHY Ann. Mus. Hung. **8** pp. 359–360 figs. 2–3.

Diploconus elegans Formosa, *robustus* Borneo, **spp. n.,** SZOMBATHY pp. 357–358 T.c.

Idolus mocsaryi **sp. n.** Ungarn, SZOMBATHY Rovart. Lap. **17** p. 190.

Ischiodontus chilensis **sp. n.** p. 175, FLEUTIAUX Bull. Soc. ent. France **1910.**

Lamprotrichus lemoulti **sp. n.** p. 174, FLEUTIAUX T.c.

Limonius vernalis **sp. n.** California p. 129, FALL Trans. Amer. Ent. Soc. **36.**

Lomemus vittipennis **sp. n.,** BROUN p. 29 Bull. No. **1** N.Z. Inst.

Melanotus longicornis p. 746, *cribriventris* p. 747, *difficilis, pilosus*, p. 751, *carinus, prasinus*, p. 752, *divarcarinus, lixus, debilis*, p. 754, **spp. n.,** Indiana, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Ovipalpus pubescens, ruficeps, var. n. p. 175, *piceus* **sp. n.,** p. 176, FLEUTIAUX Bull. Soc. ent. France **1910.**

Plastocerus megalops **sp. n.** California p. 138, FALL Trans. Amer. Ent. Soc. **36.**

Psellis formosana **sp. n.** Formosa, SZOMBATHY Ann. Mus. Hung. **8** p. 446 fig.

Selatosomus albipubens Tibet p. 166, *hispanicus* Asturias p. 167, *pecirkanus* W. Asia, *paganetti* Italy p. 168, *punctipennis* Asia Minor p. 169, *macropalpus* p. 170, *ampliformis* p. 171, *densatus, juldanus*, with var. *diversipennis*, p. 172,

W. Asia, **spp. n.**, *alneus* varr. n. p. 166, *amplicollis* varr. n. *montenegrinus* p. 168, *circassicus* and *lugubricus* p. 169, REITTER Wien ent. Ztg. **29.**—*S. aeneus viturati* var. n. p. 67, PIC Echange **26.**

Sphenisocomus robustus **sp. n.** Borneo, SZOMBATHY p. 447 Ann. Mus. Hung **8.**

RHIPICERIDAE.

Indiana spp. descr. pp. 696–698, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Rhipicera dalmani apicalis var. n. p. 29, PIC Echange **26.**

DASCILLIDAE.

Indiana spp. descr. pp. 688–696 ff. 266–269, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Atopida grahami, suffusa, **spp. n.**, BROUN p. 31 Bull. No. **1** N.Z. Inst.

Cinnabarium nigronotatum **sp. n.**, PIC p. 28 Echange **26.**

Cyphanus ocularius, maculifer, p. 29, *granulosus* p. 30, **spp. n.**, BROUN Bull. No. **1** N.Z. Inst.

Haematoides atriceps **sp. n.** Yunnan, PIC p. 45 Echange **1910.**

Helodes; larva with maxillulae, CARPENTER p. 79 Irish Nat. **19.**

Mesocyphon tristis **sp. n.**, BROUN p. 33 Bull. No. **1** N.Z. Inst.

Veronatus granicollis **sp. n.**, BROUN p. 32 T.c.

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Notes synonymiques, JACOBSON Bull. Soc. ent. France **1910** p. 263.

Light-emission, *Photuris,* MCDERMOTT pp. 357–363 Canad. Ent. **42.**

Indiana spp. descr. pp. 807–846 ff. 327–329, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Asilis collaris p. 33, *brevicornis, opaculus,* p. 34, *egmontensis, punctipennis,* p. 35, *parallelus* p. 36, **spp. n.**, BROUN Bull. No. **1** N.Z. Inst.

Astylosoma immaculata **sp. n.**, PIC p. 14 Echange **26.**

Astylus wagneri, bisbilineatus, **spp. n.**, p. 45, PIC T.c.

Asydates explanatus rufipennis, var. n. p. 20, PIC T.c.

Attalus bilineatithorax **sp. n.** p. 291, PIC Bull. Soc. ent. France **1910.**—*A. mexicanus* **sp. n.**, PIC p. 5 Echange **26.**—*A. melanopterus marginipennis* p. 845, *scincetus confusus* p. 846, varr. n, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Blanchardia **gen. n.** near *Omethes, gracilis* **sp. n.** Indiana p. 826 f. 321, BLATCHLEY T.c.

Calochromus (*Micronychus*) *simulans* **sp. n.** p. 428, BOURGEOIS Ann. Soc. ent. France **78.**—*C.* (*Micronychus*) *heydeni* **sp. n.** p. 265, BOURGEOIS Bull. Soc. ent. France **1910.**

Cantharis (*Telephorus*) *rustica mimithorax,* var. n., PIC p. 49 Echange **26.**—*C. violacea tigurina,* p. 67, PIC T.c.—*C. fainana, subopacipennis,* **spp. n.**, p. 77, PIC T.c.—*C.* (*Telephorus*) *trimaculatus* **sp. n.** p. 19, PIC Naturaliste **32.**

Chauliognathus papuanus p. 126, *procerus* p. 129, **spp. n.**, BOURGEOIS Bull. Soc. ent. France **1910.**

Collops crusoe, flavicinctus, p. 140. *georgianus* p. 141, **spp. n.**, U.S., FALL Trans. Amer. Ent. Soc. **36.**

Danacœa syrensis **sp. n.** p. 33, *nigritarsis* var. *zolotarewi* n. var. p. 34, PIC Echange **26.**—*D. cypria* **sp. n.**, varr. *livadiensis, lineatithorax* and *maculaticeps,* PIC p. 41 T.c.

Dasyrhadus **gen. n.** near *Rhadalus, impressicollis,* p. 144, *longior* p. 145, **spp. n.**, California, FALL Trans. Amer. Ent. Soc. **36.**

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Dasytiscus donckieri **sp. n.**, PIC p. 13 Echange **26.**

Diaphanes formosus **sp. n.** p. 286, OLIVIER Bull. Soc. ent. France **1910.**—

D. bugnioni **sp. n.** p. 430, Bourgeois Ann. Soc. ent. France **78.**

Dilophotes bugnioni **sp. n.** p. 429, Bourgeois T.c.

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Ditemnus latilobus **sp. n.** Indiana p. 837, Blatchley Bull. Ind. Dept. Geol. No. **1.**

Dodacles noireli **sp. n.** p. 186, Olivier Bull. Mus. Paris **1910.**

Glabrodasytes **subg. n.** vide *Setigerodasytes.*

Haplamaurus rufithorax p. 53, *testaceicembris* p. 54, **spp. n.,** Pic Echange **26.**

Haplocnemus raymondi n. n. p. 218 pro *xanthopus,* Sainte-Claire Deville Rev. ent. Caen **27.**—*H.* (*Ischnopalpus*) *curticornis* **sp. n.,** H. (*Diplambe*) *anatolicus subelongata* n. var., Pic p. 9 Echange **26.**

Haplogensis **gen. n.** p. 434 voisin *d'Eugensis, ceylonica,* p. 435, *distincta* p. 436, **spp. n.,** Bourgeois Ann. Soc. ent. France **78.**

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Idgia (*Prionocerus*) *bicolor notaticollis,* var. n. p. 53, Pic Echange **26.** —*I. bimaculata* p. 75, *ceylonica* p. 76, *humeralis, fruhstorferi,* p. 77, **spp. n.,** Pic T.c.

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Lucidota duplicata, emerita, **spp. n.,** p. 187, Olivier Bull. Mus. Paris **1910.** —*L. heterocera* **sp. n.** p. 286, Olivier Bull. Soc. ent. France **1910.**

Luciola melaspis **sp. n.** p. 431, Bourgeois Ann. Soc. ent. France **78.** —*L. gaudens* **sp. n.** p. 287, Olivier Bull. Soc. ent. France **1910.**—*L. impressa* Ceylon p. 532, *auritula* India p. 533, **spp. n.,** Olivier Tr. ent. soc. London **1910.**—*L. foveicollis* N. Guinea, *flebilis* Sumatra, p. 316, *peculiaris* N. Guinea p. 317, *notatipennis* Mentawei p. 318, **spp. n.,** Olivier Ann. Mus. Genova **4.**

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Lycus (*Lycostomus*) *borneensis* **sp. n.** p. 129, Bourgeois Bull. Soc. ent. France **1910.**

Macrolampis leucorrhaeus, vacuus, **spp. n.,** p. 189, Olivier Bull. Mus. Paris **1910.**

Malachius subangustatus **sp. n.** Pic p. 17 Echange **26.**— *M. uniformis* nom. n. for *inornatus* Fall, *contortus* p. 142, *viridulus, bakeri,* p. 143, **spp. n.,** U.S., Fall Trans. Amer. Ent. Soc. **36.**

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Nastonycha anceyi **sp. n.** p. 8, Abeille Bull. Soc. linn. Marseille **1.**

Ototreta weyersi, variation, Olivier p. 318 Ann. Mus. Genova **4.**

Oontellus pallidipes **sp. n.** p. 63, Pic Echange **26.**—*O. bilineatus* **sp. n.** p. 69, Pic T.c.

Pelochrus atriceps **sp. n.,** Pic p. 17 Echange **26.**

Photinus simulans **sp. n.** p. 286, OLIVIER Bull. Soc. ent. France **1910.**—*P. speciosus* **sp. n.** p. 188, OLIVIER Bull. Mus. Paris **1910.**

Photuris perspicillata **sp. n.** p. 190, OLIVIER Bull. Mus. Paris **1910.**

Phrixothrix **gen. n.** voisin *de Cydistus, hirtus* **sp. n.,** p. 34, OLIVIER Bull. Soc. ent. France **1909.**—*P. heydeni* **sp. n.** p. 239, OLIVIER Bull. Soc. ent. France **1910.**

Plateros limbaticollis p. 426, *P.* (*Planeteros*) *exsertus* p. 427, **spp. n.,** BOURGEOIS Ann. Soc. ent. France **78.** —*P.* (*Planeteros*) *elberti* **sp. n.** p. 264, BOURGEOIS Bull. Soc. ent. France **1910.** —*P. coccinicollis,* COCKERELL p. 371 Canad. Ent. **42.**—*P. roseimargo, coccinicollis,* **spp. n.,** U.S., p. 139, FALL Trans. Amer. Ent. Soc. **36.**

Plectonotum semilimbatum **sp. n.** p. 69, PIC Echange **26.**

Pseudolycas uniformis nigriceps var. n. p. 19, PIC Naturaliste **32.**

Psilorrhynchus nigrolineatus **sp. n.** p. 53, PIC Echange **26.**

Psilothrix senegalensis **sp. n.,** PIC p. 13 Echange **26.**

Selasia (*Euptilia*) *isabellae* **sp. n.** p. 434, BOURGEOIS Ann. Soc. ent. France **78.**

Setigerodasytes **gen. n.** voisin de *Dasytastes, incisicollis, callanganus,* **spp.** n., PIC p. 12 Echange **26.**—*S.* (*Glabrodasytes* subg. n.) *nitidissimus* **sp. n.** p. 3, PIC T.c.

Silidius dilaticornis **sp. n.** p. 61, PIC T.c.—*S. pouilloni* **sp. n.** p. 345, PIC Bull. Soc. ent. France **1909.**

Silis borneensis Pontianak, *waterstradti, specialithorax,* Banguey isld., p. 413, *pallidicolor, pontianakana,* Borneo, *testacea, parentalis,* Sumatra, *samangana* Celebes, p. 414, **spp. n.,** PIC Ann. Soc. ent. Belgique **54.**—*S. jalapana* **sp. n.,** *albicincta testaceipes* n. var., PIC p. 6 Echange **26.**—*S. robusticollis, innotaticollis* var. n., *inæqualis* **sp. n.,** p. 29, PIC T.c.—*S. ruficollis hungarica* var. n., PIC p. 33 T.c.—*S. atrispina, bang-haasi,* p. 61, *multicostata, violaceipennis, limbaticollis, obscurithorax, sikorai,* p. 62, **spp. n.,** PIC T.c.—*S. pilifera, limbatipennis,* p. 69, *pauli,* **spp. n.,** *sulcata bahiana* var. n., *longipennis, kannegieteri, nuguei,* p. 70, **spp. n.,** PIC T.c.—*S. mexicana, subimpressa,* p. 346, *maxima* p. 347, **spp. n.,** PIC Bull. Soc. ent. France **1909.**

Sydates discipennis with var. *subfasciata, apicalis, pallidicolor,* **spp. n.,** PIC Echange **26.**

Telephorus simpliunguis **sp. n.** Indiana p. 836, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Themus metallescens, subœnescens, **spp. n.,** p. 432, BOURGEOIS Ann. Soc. ent. France **78.**

Troglops reitteri **sp. n.** Turkestan FLEISCHER p. 146 Wien ent. Ztg. **29.**

Vesta discrepans **sp. n.** p. 285 OLIVIER Bull. Soc. ent. France **1910.**

CLERIDAE.

The classification of *Cleridae* revised, nomenclature etc., GAHAN pp. 55–76 Ann. Nat. Hist. **5.**

Indiana spp. descr. pp. 846–862 ff. 330–342, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

The *Cleridae* of the Public museum of the city of Milwaukee, WOLCOTT Bull. Wiscons. Soc. **7** pp. 93–102.

Adelphoclerus **gen. n.** p. 356, *nitidus* **sp. n.** Mexico p. 357, WOLCOTT Field Mus. Pub. Zool. **7.**

Aulicus, table of N. American, WOLCOTT p. 245 Canad. Ent. **42.**

Clerosoma **gen. n.** type *Poecilochroa gracilis* Gorh. p. 363, WOLCOTT Field Mus. Pub. Zool. **7.**

Clerus latefasciatus **sp. n.** Mexico p. 360, WOLCOTT T.c.—*C. ichneumoneus knabi* var. n. Florida p. 321, WOLCOTT Ent. News **21.**—*C. muttkowskii* **sp. n.** Wisconsin p. 98, WOLCOTT Bull. Wiscons. Soc. **7.**

Cymatodera pubescens **sp. n.** Texas p. 94, *bicolor, texana, balteata,* pp. 95–96, WOLCOTT T.c.—*C. cognata* **sp. n.** Nevada p. 320, WOLCOTT Ent. News **21.**—*C. soror* p. 342 pl. vi ff. 1 & 2, *subsimilis* p. 343 ff. 3 & 4, *tuta* p. 344 f. 6, *isabellae* p. 345 f. 7, *torosa* p. 347 f. 8, *æmula* p. 348 f. 9, *horni, snowi,* p. 349, *æthiops* p. 350 ff. 10–13, *comans* p. 351 ff. 14–16, U.S., *duplicata* p. 353 ff. 17–19, *wickhami* p. 354 Mexico

spp. n., WOLCOTT Field Mus. Pub. Zool. **7.**

Enoclerus **nom. n.** for *Clerus* (of Schenkling), GAHAN p. 65 Ann. Nat. Hist. **5.**

Enoplium quadrinotatum p. 102, WOLCOTT Bull. Wiscons. Soc. **7.**

Epiphloeus schenklingi **sp. n.** Rio Janeiro, GAHAN p. 72 Ann. Nat. Hist. **5.**

Galeruclerus **gen. n.** for pt. of *Pelonium*, GAHAN p. 75 T.c.

Gastrocentrum unicolor White (as *Notoxus*) = *pauper* Gorh., GAHAN p. 61 T.c.

Hydnocera gorhami Mexico p. 378 pl. v f. 8, *gahani* Texas, *aspera*, p. 379, *spinolae* p. 380, Mexico, **spp. n.**, WOLCOTT Field Mus. Pub. Zool. **7.**—*H. maritima* p. 321, *tibialis* p. 322, *gerhardi* p. 323, **spp. n.**, U.S., WOLCOTT Ent. News **21.**—*H. humeralis difficilis* p. 99, *tricondylae* p. 100, WOLCOTT Bull. Wiscons. Soc. **7.**

Lasiodera **gen. n.** for part of *Pelonium*, GAHAN p. 74 Ann. Nat. Hist. **5.**

Monophylla substriata **sp. n.** Utah p. 340, WOLCOTT Field Mus. Pub. Zool. Ser. **7.**—*M. terminata* p. 93, WOLCOTT Bull. Wiscons. Soc. **7.**

Necrobioides **gen. n.**, *mexicana* **sp. n.** Guerrero, GAHAN p. 76 Ann. Nat. Hist. **5.**

Orthopleura texana p. 102, WOLCOTT Bull. Wiscons. Soc. **7.**

Pelonium riveti p. 520, *lobaticolle* p. 521, **spp. n.**, LESNE Bull. Mus. Paris **1909.**—*P. granulosum* **sp. n.** Texas p. 100, WOLCOTT Bull. Wiscons. Soc. **7.**

Phymatophaea abnormis **sp. n.**, BROUN p. 37 Bull. No. **1** N.Z. Inst.

Placopterus **gen. n.** type *Poecilochroa plumbea* Gorh. p. 363, WOLCOTT Field Mus. Pub. Zool. **7.**

Prionodera **gen. n.** type *Clerus tantillus* Lec. p. 396, WOLCOTT T.c.

Priocora lecontei **sp. n.** California p. 356 pl. v f. 2, WOLCOTT T.c.

Isolemidia cariniceps **sp. n.** Nicaragua p. 376 pl. v f. 6, WOLCOTT T.c.

Tarsostenus univittatus, larva, HARDY p. 133 Lancash. Nat. **3.**

Teneroides **subg. n.** p. 69, *tavoyanus* **sp. n.** Tenasserim, GAHAN Ann. Nat. Hist. **5.**

Teneromimus **gen. n.** p. 70, *vitticollis* Australia, *humeralis* Solomon islands, **spp. n.**, p. 71, GAHAN T.c.

Thanasimus (*Clerus*) *formicarius* var. n. *ruficeps* Beskiden, FLEISCHER p. 330 Wien ent. Ztg. **29.**—*T.* sp., mode of life, STEBBING For. Pamphlet No. 15 zool. Ser. No. 2 p. 18.—*T. monticola* **sp. n.** California p. 357 pl. v f. 3, WOLCOTT Field Mus. Pub. Zool. **7.**

Tillus collaris p. 93, WOLCOTT Bull. Wiscons. Soc. **7.**

Trichodes oresterus p. 368 pl. v f. 4 & pl. vi f. 21, *nexus* p. 372 pl. v f. 5 & pl. vi f. 26. **spp. n.**, U.S., WOLCOTT Field Mus. Pub. Zool. **7.**

Zenodosus **gen. n.** type *Thaneroclerus sanguineus* p. 321, WOLCOTT Ent. News **21.**

LYMEXYLONIDAE.

Indiana spp. descr. pp. 894–895 f. 352, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Atractocerus niger India occ., *bicolor* Nova Guinea, **spp. n.**, STROHMEYER Ent. Rdsch. **27** p. 6.

PTINIDAE.

Indiana spp. descr. pp. 862–886 ff. 344–348, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Anobium pertinax and barometrical minima, JENSEN-HAARUP Zs. wiss. Insektenbiol. **6** pp. 167–169.—*A. striatum*, sound-production, MORLEY p. 31 Entomologist **43.**

Cylindroptinus **gen. n.**, *angustissimus* **sp. n.** p. 46, PIC Echange **26.**

Dasytanobium monstruosum **sp. n.** p. 60, PIC T.c.

Eupactus (*Thaptor*) *nigronotatus* **sp. n.** p. 46, PIC T.c.

Holcobius simulans, insignis, haleakalae with var. *chrysodytus*, p. 582, *hawaiiensis, diversus, affinis*, p. 583, *H.? simplex, minor*, p. 584, *H. frater* p. 585, **spp. n.**, Hawaiia, PERKINS Faun. Hawai. **3**

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†*Ologlyptus primus* **sp. n.** Florissant p. 51, WICKHAM Amer. J. Sci. **29**.

Oncosoma fasciolatum, angulicolle, alternicostis, p. 144 *collare* p. 145, *suturale* p. 146 *planipenne* p. 147, *ertli*, p. 148, **spp. n.**, Congo, GEBIEN Ann. Soc. ent. Belgique **54**.

Opatrum sabulosum, gepflügelte, WEBER Ent. Bl. **6** p. 172.

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Pedinopsis **gen. n.** near *Pedinus*, *pilipes* **sp. n.** Congo, GEBIEN p. 157 Ann. Soc. ent. Belgique **54**.

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Platydema eichelbaumi, breviceps, p. 159, *foveiceps* p. 160, *latitarse* p. 161, *apicatum* p. 162, *unguiculare* p. 163, **spp. n.**, Africa, GEBIEN T.c.—*P. vagum* **sp. n.**, GEBIEN Kilimandjaro-Meru Exp. **7** 19 p. 381.—*P. affine* = (*maculosum* C. & B.), BRÈTHES p. 205 An. Soc. Argent. **69**.

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Pseudhelops substriatus, nodosus, **spp. n.**, BROUN p. 47 Bull. No. 1 N.Z. Inst.

Psilachnopus aharonii **sp. n.** Jerusalem, REITTER p. 197 Wien ent. Ztg. **29**.

Pterocoma aucta Turgai-Gebiet p. 150, *dubianskii* Ural-Gebiet, *baeckmanni* Syr-darja-Gebiet, *nikolskii* Gebiet Semipalatinsk, p. 151, *pallasi* Gebiet Akmolinsk p. 152, **spp. n.**, SEMENOV Rev. russ. ent. **10**.

Pterohelœus solidus, undulatus, septemcostatus, puncticollis, nodulosus, Australia, **spp. n.**, CARTER pp. 117–123 P. Linn. Soc. N.S. Wales **35**.

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Rhytidonota marginata p. 367, *meruensis* p. 368, **spp. n.**, GEBIEN Kilimandjaro-Meru Exp. **7** 19.

Saragus mastersi, montanus, frenchi, Australia, **spp. n.**, CARTER pp. 126–128 P. Linn. Soc. N.S. Wales **35**.

Selinus simplicipes p. 374, *ventralis* p. 375 figs., **spp. n.**, GEBIEN Kilimandjaro-Meru Exp. **7** 19 p. 376.

Stenosis angustata, Zusammenleben mit *Embia* (Russ.), RIMSKY-KORSAKOV Rev. russ. ent. **10** p. 78.

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Tenebrioloma **gen. n.** near *Menephilus, semicostata* **sp n.**, GEBIEN

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Tribolium ferrugineum, Bierverderber, Bau p. 247 Wien ent. Ztg. **29.**

Vieta speculifera **sp. n.** Africa, Gebien p. 158 Ann. Soc. ent. Belgique **54.**

Zophosis cicatricosa, pterygomalis, p. 364, *punctatofasciata* p. 365, **spp. n.**, Gebien Kilimandjaro-Meru Exp. **7** 19.

Cistelidae (or Alleculidae).

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Allecula cinctipennis **sp. n.** p. 17, Pic Naturaliste **32.**—*A. formosana, kulunensis, maxima*, **spp. n.**, p. 94, Pic Echange **26.**

Amarosoma violacea **sp. n.**, Broun p. 149 Bull. No. 1 N.Z. Inst.

Cistelomorpha obscuriceps **sp. n.** p. 19, Pic Naturaliste **32.**—*C. renardi*, Veth Tijdschr. Ent. **53** p. 310.

Hymenalia minuta **sp. n.**, Pic p. 14 Echange **26.**

Isomira martini **sp. n.** Natal. Pic p. 197 Ann. Soc. ent. Belgique **54.**—*I. similis* **sp. n.** Indiana p. 1278, Blatchley Bull. Ind. Dept. Geol. No. **1.**

Lobopoda breyeri, subtestacea, **spp. n.**, Bolivia, Brèthes An. Soc. Argent. **69** p. 206.

Mycetocharina simoni **sp. n.** Africa, Pic p. 198 Ann. Soc. ent. Belgique **54.**

Pseudocistela biimpressa **sp. n.**, Pic p. 14 Echange **26.**—*P. semirubra* **sp. n** p. 75, Pic T.c.

Scotobiopsis **gen. n.**, *breyeri* **sp. n.** Bolivia. Brèthes An. Soc. Argent. **69** p. 207.

Synallecula apicicornis, caroli, obscuricolor, p. 196, *benitoensis, major*, p. 197, **spp. n.**, Africa, Pic Ann. Soc. ent. Belgique **54.**

Priotoma multistriata **sp. n.** p. 45, Pic Echange **26.**

Melandryidae.

Indiana spp. descr. pp. 1286–1302, Blatchley Bull. Ind. Dept. Geol. No. **1.**

Allopterus simulans **sp. n.**, Broun p. 52 Bull. No. 1 N.Z. Inst.

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Osphia trilineata **sp. n.** Pic *l.c.*

Lagriidae.

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Arthromacra glabricollis sp. n. Indiana p. 1285 f. 570, Blatchley T.c.

Chlorophila subopaca, donckieri, **spp. n.**, p. 86, Pic Echange **26.**

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Anthicidae, Pedilidae, Xylophilidae.

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Anthicomorphus dohertyi p. 46, *subelongatus* p. 47, **spp. n.**, Pic Echange **26.**—*A. mertoni* **sp. n.** Aroe Inseln, Pic p. 316 Wien ent. Ztg. **29.**

Anthicus galliosi **sp. n.** p. 20, Pic Bull. Mus. Paris **1910.**—*A. transcaspicus subnotata* var. n., Pic p. 10 Echange **26.**—*A. mouzafferi* **sp. n.**, Pic p. 42 T.c.—*A.* (*Lappus*) *anticefasciatus* **sp. n.** p. 46, Pic T.c.—*A. fuscicornis grenieri* subsp. n., Pic p. 58 T.c.—*A. perminutus, plectilis*, **spp. n.**, p. 71, Pic T.c.

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†*Macratria gigàntea* **sp. n.** Florissant Colo. p. 51, WICKHAM Amer. J. Sci. **29.**

Macrotomoderus ruficolor, weijersi, **spp. n.,** p. 52, PIC Echange **26.**

Notoxus pallidipes **sp. n.** p. 70, PIC T.c.

Physcius longipennis **sp. n.** p. 60, PIC Bull. Soc. Zool. France **35.**—*P. peruvianus, maximus.* **spp. n.,** p. 54, PIC Echange **26.**

Trotomma longipenne **sp. n.** p. 36, PIC Bull. Soc. ent. France **1910.**

Walesius borneensis **sp. n.** p. 47, PIC Echange **26.**

Xylophilus xenarthrus **sp. n.,** BROUN p. 54 Bull. No. 1 N.Z. Inst.

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Anaspis thoracica ab. n. *humeralis* Alpen, ROUBAL Ent. Bl. **5** p. 229.—*A. mariae, rambouseki, bernhaueri,* **spp. n.,** *kiesenwetteri* ab. n. *tristis, steppensis* ab. n. *schilskyi, varians* var. n. *longicornis,* Bulgaria, ROUBAL Ent. Bl. **6** p. 154–157.—*A. geoffroyi sicula* n. n. pro *bipunctata* Ray, and *bisbimaculata* n. n. pro *maculata* Gyll., *4-maculata fulvithorax* n. n. pro *fulvicollis* Schils. *flava schilskyi* n. n. pro *thoracica* Em., p. 1, PIC Echange **26.**

Mordella braueri **sp. n.** Seychellen, KOLBE Berlin Mitt. zool. Mus. **5** p. 27.

Mordellistena engelharti **sp. n.** Denmark, SCHILSKY Ent. Medd. **3** p. 255.—*M. mahena* **sp. n.** Seychellen, KOLBE Berlin Mitt. zool. Mus. **5** p. 28.—*M. confusa* p. 1316, *testacea* p. 1321, *hoosieri* p. 1325, **spp. n.,** Indiana, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Tolida tournieri in Mähren, FLEISCHER p. 327 Wien ent. Ztg. **29.**

RHIPIPHORIDAE.

Indiana spp. descr. pp. 1364–1367, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Indiogeoscopus **subg. n.** *Geoscopus, multilineata* **sp. n.** p. 21, PIC Echange **26.**

Micropelecotoides **subg. n.** vide *Pelecotomoides.*

Myodites subdipterus, habits, pupa, ESCALERA p. 352 Assoc. espan. **4** Sec. 3.

Macrosiagon (*Emenadia*) *medana, nigronotata,* **spp. n.,** p. 86, PIC Echange **26.**

Pelecotomoides lemoulti, brevicornis, p. 20, *P.* (*Micropelecotoides* subg. n.) *sumatrensis* with varr. *pallidicolor, rubrithorax* and *obscuricolor, rougeri, japonicus,* p. 21, **spp. n.,** PIC Echange **26.**—*P. luteopubens, sulcata, impressithorax,* p. 29, *gounellei* p. 30, **spp. n.,** PIC T.c.

Rhipidius thoracicus **sp. n.** p. 63, PIC T.c.

Rhipiphorus paradoxus, Lebensweise, REINECK Ent. Rdsch. **27** p. 89.

Sharpides **n. n.** for *Sharpia* Broun, KIRKALDY p. 8 Canad. Ent. **42.**

Siagonadia **subgen. n.** von *Macrosiagon,* REITTER p. 131 Wien ent. Ztg. **29.**

CANTHARIDAE (or MELOIDAE).

Lyttidae proper name for *Meloidae* classification pp. 220–222, WELLMAN Ent. News **21.**

The types of the genera and subgenera of *Lyttidae,* WELLMAN pp. 389–396 Canad. Ent. **42.**

Indiana spp. descr., pp. 1350–1364 ff. 588–590, BLATCHLEY Bull. Ind. Dept. Geol. No. **1.**

Allendesalazaria **gen. n.** near *Meloë* p. 379, *nymphoides* **sp. n.** Mogador p. 380, ESCALERA Bol. Soc. espan. **1910.**

Cissites testaceus, metamorphosis, ♂ genitalia, BUGNION Bull. Soc. ent. Egypte **1909** pp. 182–200 3 pls.

Epicauta melanochroa n. n. für *nigra* Dugès, *prolifica* var. n. *elunda* n. n. für *canescens* var. *elunda* Wellm., WELLMAN D. ent. Zs. **1910** p. 24.

Euronitis Sem. zur Gattung erhoben, SEMENOV Rev. russ. ent. **9** p. 433.

Gnathium bicolor, BRÈTHES An. Soc. Argent. **69** p. 208.

Gynaecomeloë **gen. n.** type *Calospasta opaca* p. 217, WELLMAN Ent. News **21.**

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Schlaginhaufenia **gen. n.** near *Rhabdocnemis, valida* **sp. n.** Neu Guinea, HELLER p. 37 Abh. Mus. Dresden **13** No. 3.

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Tigones philpotti **sp. n.**, BROUN p. 57 Bull. No. 1. N. Z. Inst.

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Trachyphloeus longirostris **sp. n.** Algerien, FORMÁNEK p. 243 Wien ent. Ztg. **29.**—*T. peycrimhoffi* **sp. n.** Algiers, FORMÁNEK p. 199 Wien ent. Ztg. **29.**

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Tychreus fumosus Queensland, *furvus* West Australia, *reversus* Queensland, **spp. n.**, LEA pp. 619–622 P. Linn. Soc. N. S. Wales **34.**

Xerostygnus pullus **sp. n.**, BROUN p. 68 Bull. No. 1 N. Z. Inst.

Xola **gen. n.** near *Lophotectorus*, *notabilis* **sp. n.** Neu Guinea, HELLER p. 31 Abh. Mus. Dresden **13** 3.

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Pentachrysis kibonotoensis **sp. n.**, CAMERON Kilimandjaro-Meru Exp. **8** 8 p. 298.—*P. nigromaculata* Span. Guinea, *pentodontophora* Witu, *guineae* Guinea, *dolichoceras* Nagasaki, **spp. n.**, BISCHOFF Mitt. zool. Mus. Berlin **4** pp. 483–486.

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†The parasitic *Hymenoptera* of Florissant, with a catalogue of Tertiary parasitic Hymenoptera, and bibliography, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54** pp. 1–125 pl. i.

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†*Absyrtus decrepitus* **sp. n.** Colorado Miocene p. 80 f. 61, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54.**

Acanthocryptus caudatus Swedish Lappland **sp. n.**, ROMAN Naturw.

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Adelognathus thomsoni nom. n. für *difformis* Thoms. p. 2159, *thuringiacus* **sp. n.** Thüringen p. 2160, SCHMIEDEKNECHT Opusc. Ichn. **27** 1911.

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Amblyteles decens **sp. n.** Schwäb. Gmünd, BERTHOUMIEU Nyt Mag. Naturv. **48** p. 328.—*A. praetextus* **sp. n.** Berlin, BERTHOUMIEU T.c.—*A. monogriae, celsiae,* distinguished, STRAND Intern. ent. Zs. **4** p. 41.—*A. heteromallus* **sp. n.** p. 73, BERTHOUMIEU Echange **26**.—*A. neotropicus* **sp. n.** Paraguay, SCHROTTKY p. 168 Ent. Rdsch. **27**.

Anilastus Foerster subgen. type *Campoplex rapax,* VIERECK Proc. U. S. Nation. Mus. **38** p. 383.—*A. henscheli* **sp. n.,** SMITS VAN BURGST Ber. Ned. Ent. Ver. **3** p. 111.—*A. discedens* p. 1808, *thuringiacus, rufovariatus,* p. 1802, Thüringen, *pallidirostris* Triest, *forticostatus,* p. 1812, *melaleucus* p. 1813, Thüringen, **spp. n.,** SCHMIEDEKNECHT Opusc. Ichn. **23** 1909.—*A. ebeninus* var. n. *melanostigma* Deutschl., ULBRICHT Mitt. Ver. Krefeld **1910** p. 16.—*A. variegatus* sp. n. Java, SZÉPLIGETI Notes Mus. Leiden **32** p. 94.

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†*Anomalon confertum* p. 69 f. 52, *excisum* p. 70 f. 53, *deletum* p. 71, **spp. n.,** Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

Arotes wahlbergii **sp. n.** Caffraria, ROMAN Entomol. Tidskr. **31** p. 146 fig. 11.

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Atrometrus tephrias p. 681, *sociabilis* p. 682, *satelles, solitarius,* p. 683, **spp. n.,** Hawaiia, PERKINS Faun. Hawai. **2**.

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Banchogastra vitreipennis **sp. n.** Maui, PERKINS p. 680 Faun. Hawai. **2**.

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†*Barylypa primigena* **sp. n.** Colorado Miocene p. 72, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

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Brachycryptus inermis **sp. n.** Deutschl., ULBRICHT Mitt. Ver. Krefeld **1910** p. 3.

†*Camerotops solidatus* **sp. n.** Colorado Miocene p. 63, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

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Collyria iberica **sp. n.** Spanien, SCHMIEDEKNECHT p. 1394 T.c.

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Cremastus hierochonticus **sp. n.** Palaestina, SCHMIEDEKNECHT Opusc. Ichn. **26** p. 2037.

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†*Demophorus antiquus* **sp. n.** Colorado Miocene p. 89 f. 72, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

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Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebirges **4** 3.

Dicaelotus septentrionalis, strandi, **spp. n.**, Norwegen, BERTHOUMIEU Nyt Mag. Naturv. **48** p. 330.

Eccoptosage (?) *minor* **sp. n.** Java, SZÉPLIGETI Notes Mus. Leiden **32** p. 95.

Enicospilus tyrannus p. 678, *capnodes* p. 679 **spp. n.**, Hawaiia, PERKINS Faun. Hawai. **2**.

Ephialtes tuberculatus var. n. *scapularis* Deutschl., ULBRICHT p. 11 Mitt. Ver. Krefeld **1910**.

Eulimneria **nom. n.** für *Limneria* Thoms. p. 600, SCHMIEDEKNECHT Hymenopt. Mitteleurop. 1907.

Eurylabrus larvatus, Christ and von Degeer beschriebene Ichneumonidenspecies, CLÉMENT Zool. Anz. **35** pp. 521–523.

Exeristes areolaris var. n. *occidentalis* Kongo, ROMAN Entomol. Tidskr. **31** p. 161.

Exetastes syriacus **sp. n.** Jerusalem, SCHMIEDEKNECHT Opusc. Ichn. **24** p. 1895.—†*E. inveteratus* **sp. n.** Colorado Miocene p. 83 f. 63, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

†*Exochilum inusitatum* **sp. n.** Colorado Miocene p. 72, BRUES T.c.

Exochus fuscipennis **sp. n.**, SZÉPLIGETI Notes Mus. Leiden **32** p. 103.—†*E. captus* **sp. n.** Colorado Miocene p. 64 f. 48, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

Exolytus gravidus = (*areolaris* Hab.), *luridator* = (*longicornis* Hab.), HABERMEHL D. ent. Zs. **1910** p. 38.

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Glypta setosa **sp. n.** Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebietes **4** 3 p. 81 pl. v fig. 10.—*G. salsolicola* **sp. n.** Thüringen, SCHMIEDEKNECHT Opusc. Ichn. **15** 1907 p. 1205. —†*G. aurora* **sp. n.** p. 49 f. 35, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

Glyptogastra ashmeadi **sp. n.** Oahu PERKINS p. 677 Faun. Hawai. **2**.

Gonolochus thuringiacus **sp. n.** Thüringen, SCHMIEDEKNECHT Opusc. Ichn. **27** 1911 p. 2113.

Gunomeria **nom. n.** für *Gansocentrus* Thoms. non Först. p. 625, SCHMIEDEKNECHT Hymenopt. Mitteleurop. 1907.

Habrobracon hebetor, BUCHWALD & BERLINER Zs. Getreidew. **2** pp. 1–4 1 Taf.

Hadrodactylus rectinervis **sp. n.** Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebietes **4** p. 112 fig.

Hambergiella **gen. n.** near *Porizon, sinuata* **sp. n.** Sweden, ROMAN pp. 161–165 pl. vi figs. 33–35 pl. vii figs. 1–2 T.c.

Hemiteles bizonatus **sp. n.** Deutschl., PFANKUCH D. ent. Zs. **1910** p. 407.—†*H. priscus* f. 28, *lapidescens*, p. 42, *obtectus* p. 43 f. 29, *veternus* p. 44 f. 30, **spp. n.**, Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

Henicospilus batavianus p. 92, *javanus* p. 93, **spp. n.**, Java, SZÉPLIGETI Notes Mus. Leiden **32**.

Herpestomus claviger **sp. n.** p. 78, BERTHOUMIEU Echange **26**.

Heterospilus prosopidis **sp. n.** Texas, VIERECK p. 381 Proc. U.S. Nat. Mus. **38**.—*H. bruchi* **sp. n.** Louisiana p. 210, VIERECK Proc. Ent. Soc. Washington **11**.—*H. prosopidis* **sp. n.** Texas p. 381, VIERECK Proc. U.S. Nation. Mus. **38** No. 1754.

†*Hiatensor* **gen. n.** p. 73, *semirutus* p. 74 ff. 54 & 55, *funditus* p. 75 f. 56, **spp. n.**, Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

Holocremna alpina **sp. n.** Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebietes **4** 3 p. 159 pl. vi figs. 31–32.

Homotropus ulbrichti **sp. n.** Deutschl., HABERMEHL p. 690 D. ent. Zs. **1910**.

Hoplojoppa fulgens p. 169 fig. Kilimandjaro, *excavata* p. 170 fig. Kamerun, **spp. n.**, ROMAN Entomol. Tidskr. **31**

Hygrocryptus drewseni var. n. *continuus* Deutschl., ULBRICHT Mitt. Ver. Krefeld **1910** p. 4.

Hypamblus leucopygus var. n. *lapponica* p. 123, *amoenus* p. 124, *alpinus* p. 125, **spp. n.**, Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebietes **4** 3.

Ichneumon septimus Berlin, p. 328 *nuperus* Christiania p. 329, *strandi* Norwegen p. 330, *medianus* Norwegen p. 331, BERTHOUMIEU Nyt Mag. Naturv. **48**.—*I. manicatus immaculata* n. var., ROMAN Naturw. Unters. d. Sarekgebirges **4** 3 p. 18.—*I. atricolor* p. 73, BERTHOUMIEU Echange **26**.—*I.* (*Cratichneumon*) *burkei* **sp. n.** Wisconsin, VIERECK p. 383 Proc. U.S. Nat. Mus. **38**.—*I. koebeli* **sp. n.** p. 30 pl. iii f. 7 Hawaii, SWEZEY Honolulu Exp. Sta. Ent. Bull. No. **7** 1909. †*I. alpha* p. 33, *pollens* p. 34 f. 22, *obduratus* f. 23, *primigenius* f. 24, p. 35, *decrepitus* p. 36, *exesus* f. 25, *torpefactus* f. 26, p. 37, *provectus* p. 38 f. 27, *cannoni* Cockerell, *dormitans*, p. 39, *concretus*, *somniatus*, p. 40, **spp. n.**, Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

Idothrichus **gen. n.** p. 619 für *Phaestus sericeus* Brischke, SCHMIEDEKNECHT Hymenopt. Mitteleurop. 1907.

Ischnogaster atrithorax **sp. n.** p. 73, BERTHOUMIEU Echange **26**.

Kaltenbachia apum var. n. *nigripes* Deutschl., ULBRICHT Mitt. Ver. Krefeld **1910** p. 3.

†*Labrorychus latens* **sp. n.** Colorado Miocene p. 68 f. 51, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

†*Lampronota pristina*, *stygialis* f. 33, p. 47, *tenebrosa* p. 48 f. 34, **spp. n.**, Colorado Miocene, BRUES T.c.

†*Lapton daemon* **sp. n.** Colorado Miocene p. 82, BRUES T.c.

Lathrolestus saliceti **sp. n.** Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebirges **4** 3 p. 104.

†*Leptobatopsis ashmeadii* sp. n. Colorado Miocene p. 45 f. 32, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**

Limnerium (*Angitia*) *websteri* Washington, *L.* (*Hyposoter*) *parorgyiae* Massachusetts, **spp. n.**, VIERECK p. 382 Proc. U.S. Nat. Mus. **38**.—†*L. vetustum* p. 76, *plenum* p. 77 f. 57, *depositum* p. 78 f. 58, *consuetum* f. 59, *tectum* f. 60, p. 79, **spp. n.**, Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

Lissonota dalmatica nom. n. für *semirufa* Strobl, SCHMIEDEKNECHT Opusc. Ichn. **17** 1907 p. 1302.

Mengersenia **gen. n.**, *paradoxa* **sp. n.** p. 606, Thüringen, SCHMIEDEKNECHT Hymenopt. Mitteleurop. 1907.

Meniscomorpha **gen. n.** Peru, SCHMIEDEKNECHT Opusc. Ichn. **16** 1907 p. 1226.

†*Mesochorus lapideus* p. 84 f. 64, *carceratus* f. 65, *abolitus* f. 66 p. 85, *revocatus* f. 67, *terrosus*, *cataclysmi* f. 68, p. 86, *aboriginalis* p. 87 f. 69, *dormitorius* p. 88 f. 70, **spp. n.**, Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

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Mesoleius contiguus textfig., *tenebrosus* pl. vii fig. 11, p. 134, *vestergreni* p. 135, *melanius* p. 137, *parumpictus* p. 139 textfig., **spp. n.**, var. n. *infuscata* p. 140, *tarsator* p. 140, *signator* p. 142 pl. vii fig. 9, **spp. n.**, *mixtus* var. n. *tenera* p. 144, Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebietes **4** 3.

†*Mesoleptus apertus* p. 56 f. 41, *exstirpatus* p. 57 f. 42, **spp. n.**, Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54**.

Microcharops **gen. n.** inter *Charopem* et *Trophoeampam*, typus *Limneria taitica* Holmg., ROMAN Entomol. Tidskr. **31** p. 178.

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Monoblastus lapponicus p. 90 pl. v fig. 15 pl. vii fig. 14 **sp. n.**, var. n. *chrysopyga* p. 92, *abnormiceps* p. 93 **sp. n.**, Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebirges **4** 3.

Nematocryptus **gen. n.** Syn. *Nematopodius* Szépl. nec Gray, typus *Mesostenus exitialis* Tosq., ROMAN Entomol. Tidskr. **31** p. 178.

Nemeritis lissonotoides **sp. n.** Thüringen, SCHMIEDEKNECHT Opusc. Ichn. **22** 1909 p. 1686.—*N. femorata* **sp. n.** Java, SZÉPLIGETI Notes Mus. Leiden **32** p. 93.

Nepiesta robusta **sp. n.** Thüringen, SCHMIEDEKNECHT Opusc. Ichn. **21** 1909 p. 1636.

Neurogenia **gen. n.** Syn. *Prionopoda* Szépl. 1907 nec Holmg., typus *? Prionopoda testacea* Szépl., ROMAN Entomol. Tidskr. **31** p. 179 fig. 14.

Omorgus gracilis **sp. n.**, *excavatus* var. n. *geniculatus* Deutschl., ULBRICHT Mitt. Ver. Krefeld **1910** pp. 14–15.—*O. tricoloripes* p. 1712, *atramentarius* p. 1717, *unicingulatus* p. 1723, Thüringen, *orientalis* Jerusalem p. 1725, **spp. n.**, SCHMIEDEKNECHT Opusc. Ichn. **22.**

†*Orthocentrus defossus* **sp. n.** Colorado Miocene p. 62 f. 45, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54.**

Paniscus virgatus oviposition, STENTON p. 210 Entomologist **43.**—*P. pharaonum* **sp. n.** Aegypten, SCHMIEDEKNECHT Opusc. Ichn. **24** p. 1864.—*P. ocellatus* **sp. n.** Kansas p. 211, VIERECK Proc. Ent. Soc. Washington **11.**

Parabatus pallescens **sp. n.** Thüringen, SCHMIEDEKNECHT Opusc. Ichn. **24** p. 1851.— *P. memorialis* **sp. n.** Colorado Miocene p. 81 f. 62, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54.**

Pedinopelte gravenhorsti Wirt, SCHROTTKY Zs. wiss. Insektenbiol. **6** p. 402.

Pezomachus separatus **sp. n.** Carthago, SCHMIEDEKNECHT Opusc. Ichn. **12** 1906 p. 969.—*P. cockerelli* Colorado p. 68 f. 11, *foersteri* Texas p. 69, *urbanus* New York p. 70 ff. 2 & 3, *fenestralis* New Jersey ff. 6 & 8, *obesus* f. 5, p. 71, *habilis* p. 72 f. 7, *foveatus* p. 73 ff. 9 & 12, Massachusetts, *insolens* p. 74 ff. 1 & 10, *delumbis* p. 75 f. 4, Washington **spp. n.**, BRUES Bull. Wis. Nat. Hist. Soc. **8.**

Phaenolobus flavus nom. n. für *luteus* Szépl. nec Holmg., ROMAN Entomol. Tidsk. **31** p. 184.

Phaeogenes palliventris **sp. n.** Norwegen, BERTHOUMIEU Nyt Mag. Naturv. **48** p. 330.—*P. eques* ♂ MORLEY p. 171 Entomologist **43.**

Phobocampe pullata **sp. n.** Deutschl., ULBRICHT Mitt. Ver. Krefeld **1910** p. 13.—*P. luctuosa* Thüringen p. 1691, *pungeleri* Frankreich p. 1695, **spp. n.**, SCHMIEDEKNECHT Opusc. Ichn. **2** 1909.

Phygadeuon apertus p. 38 pl. iv fig. 14 **sp. n.**, *fumator* var. *borealis* p. 41 fig. 13, *subalpina* p. 42 varr. n., Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebirges **4** 3.

Picrostigeus antennalis **sp. n.** Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebietes **4** 3 p. 157 textfig.

Pimpla aethiops = (*luctuosa* Sm.), MORLEY p. 12 Entomologist **43.**—*P. roborator* var. n. *obscurata*, *P. nigricoxis* **sp. n.**, *P. nigriscaposa* var. n. *tibialis*, *P. sagax* var. n. *coxalis*, *P. brevicornis* varr. n. *fumosa*, *rhenana*, Deutschl., ULBRICHT Mitt. Ver. Krefeld **1910** pp. 6–10.—*P. taschenbergi* u. *nitida* Schmarotzer von *Calamia lutosa*, PUHLMANN Krefeld Mitt. Ver. **1910** p. 34.—*P. habermehli* nom. n. für *kriechbaumeri* Haberm., SCHMIEDEKNECHT Opusc. Ichn. **14** 1906 p. 1079.—*P.* (*Epiurus*) *nigrifrons* **sp. n.** U.S. p. 211, VIERECK Pro.e Ent. Soc. Washington **11.**—†*P. morticina* p. 52, *revelata* f. 38, *senilis* f. 39, p. 53, *rediviva* p. 54 f. 40, **spp. n.**, Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll., **54.**

Platylabus novellus **sp. n.** Berlin, BERTHOUMIEU Nyt Mag. Naturv. **48** pp. 328–329.

Plectiscus capitosus **sp. n.** Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebietes **4** 3 p. 76 pl. vii fig. 19.

Plectocryptus scansor var. n. *nigritarsis* Deutschl., ULBRICHT Mitt. Ver. Krefeld **1910** p. 5.

Polyblastus nitidiventris var. n. *ruficoxis*, *angustatus* **sp. n.**, Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebirges **4** 3 p. 99 figs.

Polysphincta eximia **sp. n.** Thüringen, p. 1170, SCHMIEDEKNECHT Opusc. Ichn. **15** 1907.—†*P. mortuaria* f. 36, *inundata* p. 50, *petrorum* p. 51 f. 37, **spp. n.**, Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54.**

†*Porizon exsectus* **sp. n.** Colorado Miocene p. 89 f. 71, BRUES T.c.

Pristomerus hawaiiensis p. 680, *hilaris* p. 681, **spp. n.**, Hawaiia, PERKINS Faun. Hawai. **2.**

Procinetus algericus Algier p. 1234, *vipioniformis* Spanien p. 1236, **spp. n.**, SCHMIEDEKNECHT Opusc. Ichn. **16** 1907.

Protichneumon laminatorius = (*flavitarsis* Sm. and *cognatorius* Sm. pt.), MORLEY p. 12 Entomologist **43.**

†*Protohellwigia* **gen. n.** p. 66, *obsoleta* **sp. n.** Colorado Miocene p. 67 f. 50, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54.**

Pseudocillimus **nom. n.** für *Cillimus* Szépl., typus *Cillimus major* Szépl., ROMAN Entomol. Tidskr. **31** p. 152.

Pycnophion fuscipennis **sp. n.** Kauai, PERKINS p. 680 Faun. Hawai **2.**

Rhyssa persuasoria = (*Cryptocentrum lineolatum* Kirby), MORLEY p. 243 Entomologist **43.**

Rhytmonotus singularis **sp. n.** Thüringen, SCHMIEDEKNECHT Opusc. Ichn. **21** 1909 p. 1617.

Selenaspis **gen. n.** Syn. *Hemipimpla* Szépl. 1907 nee Sauss., ROMAN Entomol. Tidskr. **31** p. 191.

Sinophorus egregius **sp. n.** Griechenland, var. n. *aegyptiacus* n. Aegypten p. 1650, SCHMIEDEKNECHT Opusc. Ichn. **21** 1909.

Sphecophaga vesparum, REICHERT Ent. Jahrb. **20** p. 182.

Spudaea alpina **sp. n.** Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebietes **4** 3 p. 149 pl. vi figs. 27–28.

Stenichneumon cognatorius for Ichn. *cogn.* Sm. var. iii, MORLEY p. 13 Entomologist **43.**

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Synetacris albicoxis **sp. n.** Thüringen, SCHMIEDEKNECHT Opusc. Ichn. **21** 1909 p. 1670.

Syzeuctus ephialtinus nom. n. (= *Ephialtina apicalis* Szépl.), ROMAN Entomol. Tidskr. 3 p. 193.

Thersilochus thomsoni nom. n. für *pygmaeus* Thoms., SCHMIEDEKNECHT Opusc. Ichn. **27** 1911 p. 2127.

Thersitia **gen. n.** p. 598, *egregia* **sp. n.** Vorarlberg, p. 598, SCHMIEDEKNECHT Hymen. Mitteleurop. 1907.

Trichomella insularis sp. n. Krakatau, SZÉPLIGETI Notes Mus. Leiden **32** p. 91.

†*Trogus vetus* **sp. n.** Colorado Miocene p. 31 f. 21, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54.**

Trophocampa **gen. n.** für *Casinaria mesozosta* Grav. p. 598, SCHMIEDEKNECHT Hymenopt. Mitteleurop. 1907.

Tryphon brunniventris var. n. *connectens* Swedish Lappland, ROMAN Naturw. Unters. d. Sarekgebirges **4** 3 p. 88.—†*T. lapideus* p. 58, *cadaver* p. 59 f. 43, *senex* p. 44, *peregrinus* f. 45, p. 60, *florissantensis* p. 61 f. 46, **spp. n.**, Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54.**

†*Tylecomnus davisii* p. 64, *pimploides* p. 65 f. 49, **spp. n.**, Colorado Miocene, BRUES T.c.

Weisia **gen. n.**, *elegans* **sp. n.** Karthago, p. 1257, SCHMIEDEKNECHT Opusc. Ichn. **16** 1907.

Xenoschesis nigripes **sp.n.** Thüringen, SCHMIEDEKNECHT Opusc. Ichn. **25** p. 1921.

†*Xylonomus sejugatus* **sp. n.** Colorado Miocene p. 55, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54.**

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†*Agathis saxatilis* p. 99 f. 82, *velatus* p. 100 f. 83, *juvenilis* p. 101 f. 84, **spp. n.**, Colorado Miocene, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54.**

†*Alysia petrina* f. 73, *exigua* f. 74, p. 91, **spp. n.**, Colorado Miocene, BRUES T.c.

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Ateleodoryctes **gen. n.** *carinatus* p. 94 **sp. n.** p. 95 Sumatra, CAMERON Wien ent. Ztg. **29.**

Austrozele **gen. n.** nahe *Zeles*, typus *Perilitus longipes* Holmg., ROMAN Entomol. Tidskr. **31** p. 113.

Bacuma rufa **sp. n.** German S.-W. Africa, CAMERON Arch. Math. Naturw. Kristiania **30** No. 5 p. 26.

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†*Calyptus wilmattae* **sp. n.** Colorado Miocene p. 95 f. 78, BRUES Bull. Mus. Comp. Zool. Harvard Coll. **54.**

Campyloneurus batavianus **sp. n.** Java, SZÉPLIGETI Notes Mus. Leiden **32** p. 85.

Cardiochiles longiceps **sp. n.** (= *testaceus* Szépl. 1902) Kamerun, ROMAN Entomol. Tidskr. **31** p. 116 fig. 2.—*C. forticarinatus, rufomaculatus*, **spp. n.**, Caffraria, CAMERON Zs. Natw. **81** pp. 445–446.—*C. nigricornis* **sp. n.** Sumatra, CAMERON p. 98 Wien ent. Ztg. **29.**

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Euripus consimilis torsa var. n., DE RHÈ PHILIPE J. Bombay Soc. **20** p. 758.

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Euclidia triquetra ab. n. *fumata*, HIRSCHKE p. 414 Wien Verh. zool.-bot. Ges. **60.**

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Euterpiodes **gen. n.** type *Megalodes pienaari* Dist., HAMPSON p. 394 Cat. Lep. Phal. **9.**

Euxoa arsinaria **sp. n.** Cape Verde islds., AURIVILLIUS p. 498 Ann. Mus. Genova **4.**—*E. xasta* **sp. n.** Texas, BARNES & MCDUNNOUGH p. 249 Canad. Ent. **42.**—*E. teplia* p. 253, *vertesta* p. 254, *flutea, rabiata,* p. 255, *brevistriga, angulirena,* p. 257, *poncha* p. 258, *truva* p. 259, *lenola* p. 260, *biformata* p. 261, *cervinea* p. 262, *indensa* p. 263, **spp. n.**, N. America, SMITH Tr. Amer. ent. Soc. **36.**—*E. andera* **sp. n.** U.S. p. 89, SMITH J. New York Ent. Soc. **18.**—*E. pimensis* **sp. n.** Arizona p. 150, BARNES & MCDUNNOUGH J. New York Ent. Soc. **18.**—*E. cataclivis* p. 236, *arabella* p. 237, **spp. n.** Mexico, DYAR Proc. U. S. Nation. Mus. **38** No. 1742.—*E. crassa* ab. n. *brunnea, obelisca* ab. n. *carbonis,* SEITZ Gross-Schmetterl. Pal. pp. 24–27. —*E. detersa* and *personata* distinguished, SMITH pp. 106-108 Ottawa Nat. **24.**

Exophila multistriata **sp. n.** Natal, HAMPSON p. 434 Ann. Nat. Hist. **5.**

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Fishia instruta **sp. n.** Manitoba, SMITH p. 264 Tr. Amer. ent. Soc. **36.**

Flammona trilineata pl. clxviii f. 14, HAMPSON p. 639 Cat. Lep. Phal. **10.**

Fodina infractafinis **sp. n.** Australia, LUCAS p. 110 Tr. Queensland Nat. Hist. Soc. **1** 1895.

Geroda excisa pl. cxxxix f. 17, *leucocycla* f. 18, p. 94, *xeneusalis* f. 19 p. 95, HAMPSON Cat. Lep. Phal. **9.**

Gerrodes **gen. n.** for *Diamuna longipes* Dr., HAMPSON p. 418 T.c.

Glaucicodia **gen. n.** p. 351, *leuconephra* **sp. n.** Cuba p. 352, HAMPSON Cat. Lep. Phal. **10.**

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Gonodes viridipicta **sp. n.** Colombia, DOGNIN p. 13 Hét. nouv. **1**

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Gonostygia **gen. n.** for *Anarta agonax* Dr., HAMPSON p. 124 Cat. Lep. Phal. **9.**

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Graphiphora (*Taeniocampa q.v.*); synonymy of the above (Smith's paper), DYAR pp. 399 & 400 Canad. Ent. **42.**

Graptolitha vivida British Columbia, *pruena* Texas, **spp. n.**, p. 190, DYAR Proc. Ent. Soc. Washington, **12.**

Hadena montana **sp. n.**, AURIVILLIUS Kilimandjaro-Meru Exp. **9** p. 31 pl. i fig. 6.—*H. caelebs* **sp. n.** S.-W.-Africa, GRÜNBERG Denkschr. med. Ges. Jena **16** p. 127.—*H. dileucescens* **sp. n.** Australia, LUCAS p. 108 Tr. Queensland Nat. Hist. Soc. **1** 1895.—*H. niphetodes* **sp. n.** British Guiana p. 129 f. 41, DYAR Zoologica New York **1.**—Ersten Lebensgewohnheiten einiger *Hadena*-Arten, SIEGEL Intern. ent. Zs. **4** p. 25.—*H. adusta, bathensis,* SLEVOGT Zs. wiss. Insektenbiol. **6** p. 451.—*H. funerea* var. n. *albomaculata,* GRAMANN p. 171 Int. ent. Zs. **4**; erwachsene Raupe, GILLMER Soc. entomol. **24** p. 181; Lebensweise, BOLDT Intern. ent. Zs. **4** p. 49.—*H. pernix* ab. n. *fasciata,* BÜREN v. SALIS Ent. Zs. **24** p. 134.

Haemaphlebia **gen. n.**, *atripalpis* **sp. n.** Gold coast, HAMPSON p. 203 Cat. Lep. Phal. **10.**

Haplocestra **gen. n.** near *Discestra* p. 498, *similis* **sp. n.** Cap Verde islds. p. 499, AURIVILLIUS Ann. Mus. Genova **4.**

Harmodia ignicola **sp. n.** Afghanistan, WARREN Seitz Gross-Schmetterl. Pal.

Heliocontia **gen. n.** type *Emmelia apicella* Gr., *pantherula* pl. clxviii figs. 28 & 29 p. 662, *lepus* figs. 30 & 31, *pyralidia* f. 32 p. 665, HAMPSON Cat. Lep. Phal. **10.**

Heliothis peltigera, costumi, danni, simbionti, MARTELLI Portici Boll. Lab. Zool. **4** pp. 307–312.—*H. armigera*, HEADLEE J. Econ. Ent. **3** pp. 149–157 charts 1–7.—(*H. obsoleta*, QUAINTANCE & BRUES U. S. Dept. Agric. Ent. Bull. **50** 1905 pp. 1–155 ff. 1–27 pls. i–xxv.)

Heliothodes **gen. n.** p. 464 type *Heliothis diminutiva* Gr., *fasciata* pl. cxlvi f. 29 p. 465, HAMPSON Cat. Lep. Phal. **9.**

Herminia flavicrinalis **sp. n.** Algeria, ANDREAS p. 160 Ent. Zs. **24.**—*H. asserta* **sp. n.** Australia, LUCAS p. 114 Tr. Queensland Nat. Hist. Soc. **1** 1895.

Hermonassa finitima **sp. n.** Tibet, SEITZ Gross-Schmetterl. Pal. p. 57.

Heterochroma atrisigna **sp. n.** Guiana, DOGNIN p. 12 Hét. nouv. **1.**—*H. thermographa* **sp. n.** Colombia pl. cxlviii f. 14, HAMPSON p. 504 Cat. Lep. Phal. **9.**

Hiccoda eccausta **sp. n.** Burma p. 379 pl. clx f. 6, HAMPSON Cat. Lep. Phal. **10.**

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Holocryptis permaculata p. 197 pl. clv f. 3, *melanosticta* p. 198 f. 5, Africa, *atrifusa* Assam p. 199 f. 6, **spp. n.**, *bisectalis* Wlk. (as *Cataclysta*) f. 1 p. 195, *phasianura* f. 2 p. 196, *crosides* f. 4 p. 198, HAMPSON T.c.

Homoncocnemis poliafascies **sp. n.** Mexico p. 248, DYAR Proc. U. S. Nation. Mus. **38** No. 1742.

Hoplolythra **gen. n.** for *Lythrodes discistriga* Sm., HAMPSON p. 214 Cat. Lep. Phal. **9.**

Hoplotarache **gen. n.** p. 712, *semialba* p. 713 pl. clxx f. 26, *nubila* f. 29 p. 715, Africa, *viridifera* Panama f. 32 p. 716, *holoxantha* Uganda pl. clxxi f. 1 p. 718, **spp. n.**, *sublota* pl. clxx f. 25 p. 712, *costalis* f. 27, *carachiensis* f. 28, p. 714, *dispar* figs. 30 & 31 p. 716, *sordescens* pl. clxxi f. 2 p. 718, HAMPSON Cat. Lep. Phal. **10.**

Hyblaea flavipicta p. 451 pl. xxxviii f. 19, *flavifasciata* p. 452 f. 16, *xanthia* p. 453 f. 26, **spp. n.** Rhodesia, HAMPSON P.Z.S. **1910.**

Hydrillodes surata **sp. n.**, MEYRICK p. 68 Trans. N. Zeal. Inst. **42.**

Hydroecia puengeleri (Turati) Sicily p. 39 & pl. cxxxvii f. 28, *perobliqua* p. 44 & f. 31, *diplocyma* p. 45 pl. cxxxviii f. 2, Canada, **spp. n.**, *hucherardi* pl. cxl f. 5 & p. 36, *pallescens* pl. cxxxvii f. 7 & p. 37, *cervago* f. 27 & p. 38, *immanis* f. 29 & p. 41, *amurensis* f. 30 & p. 42, *stramentosa* pl. cxxxviii f. 1 & p. 44, *juvenilis* f. 3 & p. 45, HAMPSON Cat. Lep. Phal. **9.**—*H. moesiaca*, Oesterreich-Ungarn, REBEL p. (89) Wien Verh. zool.-bot. Ges. **60.**—*H. micacea* ein Hopfenschädling, WOLFRAM Prakt. Bl. Pflanzenbau **8** p. 94.—*H. paludis* and allies, TUTT p. 54 Ent. Rec. **22.**—*H. crinanensis*, variation, BURROWS p. 80 Ent. Rec. **22.**—*H. micacea* Hopfenschädling, REMISCH Zs. wiss. Insektenbiol. **6** p. 349.

Hydrœciodes anastagia, mendicosa, felova, p. 243, *danastia, zinda*, p. 244, **spp. n.** Mexico, DYAR Proc. U. S. Nation. Mus. **38** No. 1742.

Hypena striolalis **sp. n.**, AURIVILLIUS Kilimandjaro-Meru Exp. **9** p. 37 pl. ii f. 7.—*H. verticalis* p. 448 pl. xxxviii f. 28, *tetrasticta* p. 449 f. 29, **spp. n.** Rhodesia, HAMPSON P.Z.S. **1910.**—*H. umbrifera, chalcias*, p. 111, *inocua, simplex*, p. 112, *H.* ? *multitricha, praestans*, p. 113, *H. transita* p. 114, **spp. n.** Australia, LUCAS Tr. Queensland Nat. Hist. Soc. **1** 1895.

Hypercalymnia **gen. n.**, *metaxantha* **sp. n.** Congo, HAMPSON p. 185 Cat. Lep. Phal. **9.**

Hypercodia **gen. n.** for *Motina disparilis* Walk., HAMPSON p. 488 Cat. Lep. Phal. **10.**

Hyperiodes **gen. n.** für *turca* L., *curvata* ab. n. *obsolescens* China, WARREN Seitz Gross-Schm. Pal. p. 94.

Hyperstrotia **gen. n.** type *Thalpochares aetheria* Gr., *molybdota* Assam pl. clxv f. 19, p. 556, *albida* Persian Gulf p. 561 f. 25, **spp. n.**, *inordinata* f. 20 p. 557, *meeki* f. 21 p. 558, *oletta* f. 22 p. 559, *macroplaga* f. 23 p. 560, *semiochrea* f. 24 p. 561, HAMPSON Cat. Lep. Phal. **10.**

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ANOPLURA or ELLIPOPTERA.

Acanthopinus **gen. n.** p. 160, *sciurinus* p. 161 textfigs. **sp. n.**, MJÖBERG Ark. Zool. **6** No. 13.

Arctophthirius **gen. n.** on *Haematopinus trichechi* Boh. Spitzbergen, MJÖBERG p. 172 T.c.

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Hoodia **gen. n.**, *austriaca* **sp. n.** Bisamberg, KARNY l.c.

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Oedemothrips **gen. n.**, *laticeps* **sp. n.** Oahu, pl. xvii figs. 6–10, BAGNALL p. 680 Faun. Hawaii. **3.**

Ophidothrips **gen. n.**, *handlirschii* **sp. n.** Rio Grande do Sul, SCHMUTZ Ann. Hofmus. Wien **23.**

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Amphigerontia denticulata **sp. n.** Paraguay, ENDERLEIN Zool. Anz. **36** p. 163.

Amphipsocus formosanus Formosa, *rubrostigma* Takasago, **spp. n.**, OKAMOTO Ann. Mus. Hung. **8** pp. 194–196 Taf. iv Fig. 1–2.

Anisopsocus **gen. n.**, *lichenophilus* **sp. n.** Italia, RIBAGA Redia **5** pp. 272–281 8 figs.

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Euplocania **gen. n.** near *Ptiloneura, amabilis* **sp. n.** Paraguay, ENDERLEIN SitzBer. Ges. natf. Freunde Berlin **1910** pp. 69–70.

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Lichenomima **gen. n.** near *Psocus, conspersa* **sp. n.** Paraguay, ENDERLEIN p. 66 T.c.

Mesocaecilius **gen. n.** verwandt mit *Dasypsocus, quadrimaculatus* **sp. n.** Formosa, OKAMOTO p. 197 Taf. iii fig. 6 Ann. Mus. Hungar. **8.**

Mesopsocus unipunctatus var. n. *borealis* Norwegen, ENDERLEIN Nyt Mag. Naturv. **48** p. 320.

Micropsocus flaviceps **sp. n.** Sapporo, OKAMOTO Ann. Mus. Hung. **8** p. 190.

Myopsocnema canariensis **sp. n.** Canaren, ENDERLEIN Zool. Anz. **36** p. 169.

Notolepium **gen. n.**, *paraguayense* **sp. n.** Paraguay, ENDERLEIN SitzBer. Ges. natf. Freunde Berlin **1910** pp. 74–75.

Pelmatocoria **gen. n.** near *Amphigerontia, pedunculata* **sp. n.** Paraguay, ENDERLEIN p. 63 T.c.

Peripsocus ignis **sp. n.** Yezo, OKAMOTO Ann. Mus. Hung. **8** p. 187 Taf. iii fig. 2.

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Boopia peregrina **sp. n.** Indien, MJOBERG Ark. Zool. **6** No. 13 p. 21 pl. iv fig. 9 textfigs.—*Boopiidae* fam. n., ID. l.c.

Colpocephalum abruptofasciatum p. 36 textfigs. Aegypten, *horplopteri* p. 40 pl. v fig. 3 textfig. Sudan, *laticeps* p. 42 pl. ii fig. 4, *ephippiorhynchi* p. 43 pl. iii fig. 9, Sudan, *pediculoides* p. 44 pl. ii fig. 6, *pygidiale* p. 46 pl. iii fig. 8, *scopinum* p. 47 textfigs., Madagaskar, **spp. n.**, MJOBERG Ark. Zool. **6** No. 13.—*C. spinulosum obscurum* subsp. n., *ocularis* on *Arenaria interpres*, p. 52 f. 1, *subpustulatum* on *Ceryle alcyon* p. 54 f. 2, **spp. n.**, CARRIKER & SHULL Ent. News **21**.—*C. armiferum* **sp. n.** Venezuela from *Opisthocomus hoazin* p. 119 f. 38, KELLOGG Zoologica New York **1**.

Damalinia **gen. n.** typus *Tricodectes crenelatus* Piag., MJOBERG Ark. Zool. **6** No. 13 p. 69 figs.

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ISOPTERA or TERMITIDAE.

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Smerinthus ocellatus at sea; **South** p. 34 Entomologist **44.**

Slips for many memoirs have been sent by the Bureau of France without any geographical information.

Arctic & Antarctic.

Bernhauer & Daniel, 163; Bären-Insel u. Spitzbergen.

Nathorst, 1681; Spitzbergen (Swedish.)

Schmiedeknecht, 2194; Bären-Insel u. Spitzbergen 2 spec.

Rebel, 1985; Ostgrönland. *Cnephasia* sp. n.

Ulmer, 2593; von der Bären-Insel *Apatania arctica.*

Kieffer & Lundbeck, 1257; Bären-Insel u. Spitzbergen *Chironomidae* spp. n.

Dampf, 549; Spitzbergen *Ceratophyllus vagabundus.*

Neumann, 1711; Antarct. *Lipeurus* sp. n.

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Canaries. *Insecta.* **Garreta, 828**; Grande Salvage.—*Hymenoptera.* **Santschi, 2144**; *Aphaenogaster* sp. n.—*Lepidoptera.* **Rebel, 1979**; Beitrag zur Lepidopterenfauna der Kanaren.—*Neuroptera.* **Navás, 1698**; *Semidalis* sp. n. — *Heteroptera.* **Horváth, 1109**; *Ochetostethus* sp. n.—*Coccidae.* **Lindinger, 1428**; spp. n.—*Orthoptera.* **Burr, 319**; general account.

Galapagos islds. *Lepidoptera.* **Williams, 2759**; *Eudamus* sp. n.

Hawaiia. *Hymenoptera.* **Viereck, 2634**; *Cremastus* sp. n.

Tahiti. *Hymenoptera.* **Wheeler** J. N. York Ent. Soc. **19** p. 262; *Lasius claviger.*

Bismarck Arch. *Coleoptera.* **Möllenkamp, 1621**; *Eurytrachelus* sp. n.—**Prell, 1944**; *Trichogomphus* sp. n.—*Lepidoptera.* **Bastelberger, 115**; *Agathia* 2 spp. n.—*Orthoptera.* **Zacher, 2783**; *Anisolabis* sp. n.

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Caroline islds. *Coleoptera.* **Olivier, 1772**; *Atyphella* sp. n.

Samoa. *Lepidoptera.* **Rebel, 1982.**—*Coccidae.* **Lindinger, 1429**; *Melanaspis* sp. n.

Woodlark isld. *Coleoptera.* **Kerremans, 1223**; *Cyphogastra* sp. n.

Fiji islds. *Hymenoptera.* **Friese, 784**; *Megachile* sp. n.—*Lepidoptera.* **Prout, 1951**; *Agathia* sp. n.

New Caledonia. *Coleoptera.* **Fleutiaux, 753**; list.—*Heteroptera.* **Poppius, 1919**; *Miridae* spp. n.—*Coccidae.* **Lindinger, 1429**; 2 spp. n.

New Zealand. *Coleoptera.* **Broun, 276**; *Sagola* 15 spp. n.: **Broun, 277**; *Pselaphidae* spp. n., genn. n.: Chatham Islands. **Broun, 278**; many spp. n.; **Théry, 2520**; *Anilara* sp. n.—*Hymenoptera.* **Stitz, 2383**; Formicidae sp. n.—*Lepidoptera.* **Hamilton, 997**; Excursions: **Hampson, 1000**; *Morrisonia* 2 spp. n.: **Howes, 1123**; 4 spp. n.: **Meyrick, 1588**; *Crambus* sp. n.: **Meyrick, 1594**; spp. n.: **Meyrick, 1595**; *Tortricidae* 2 spp. n.—*Diptera.* **Miller, 1603**; *Helophilus* 2 spp. n.

Falkland islds. *Lepidoptera.* **Hampson, 1000**; *Episilia* sp. n.

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(a) Collectively.

Coleoptera.

Heikertinger, 1030; Halticinenarten Europa und Nordamerika gemeinsam.

Bickhardt, 185; 2 spp. n. *Hister* and *Saprinus.*

Desbrochers, 570; Rhytirhinides spp. n.

Heikertinger, 1033; *Phyllotreta* spp. n.

Jacobson, 1153; Russland und Westeuropa (Russ.).

Jeannel, 1160; *Bathysciinae* spp. n.

Koshantschikov, 1294; *Aphodiini* spp. et varr. n. palaearktischer Asien.

Küster & Kraatz, 1322; n. spp. v. *Phyllobius, Polydrosus, Metallites, Diorrhinus, Eugnathus, Sibinia, Echinocnemus, Bagous.*

Pic, 1855; Notes Coléoptères paléarctiques principalement gallorhénans.

Reitter, 2016; Käfer des Deutschen Reiches. Bd 3.

Reitter, 2003; 11 spp. n.

Hymenoptera.

Howard, 1120; Existe-t-il un changement dans la faune des *Aphelinidæ* en Europe ?

Friese, 782; Neue Bienen.

Girault, 887; *Pentarthron* sp. n.

Lange, 1355; Neue Ichneumoniden.

Mocsáry, 1617; *Chrysididae* spp. n.

Turner, 2580; Mogador *Myzine* sp. n., Persia *Sapyga* sp. n.

Vogt, 2652. *Bombus* spp. n.

Lepidoptera.

Grünberg, 973; *Lasiocampidae, Lemoniidae, Eupterotidae, Bombycidae.*

Jordan, 2224; *Saturniidae* revision.

Lampert, 1353; *Lepidoptera* Europas und Russisch-Asiens (Russ.).

Lucas, 1443; France, Algérie, Tunisie.

Niepelt, 1730; Turkestan 2 spp. n., *Parnassius, Arctia.*

Oberthür, 1746; Faune française et algérienne.

Warren, 2693; *Noctuidae* revision.

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Bezzi, 180; Cavernicoles, *Limosina* spp. n.

Sack, 2125; *Syrphiden* spp. n.

Villeneuve, 2639; 2 spp. n. *Angiometopa* and *Calliophrys.*

Wainwright, 2683; Switzerland and Algeria, *Chilosia* 2 spp. n.

Hemiptera.

Bergroth, 147; *Halobatinae* paléarctique.

Horváth, 1109; many spp. n.

Kiritshenko, 1266; Russian empire *Heteroptera* spp. n.

Lindinger, 1429; Turkey and Persia 2 spp. n.

Šulc, 2467; *Trioza* Monographia.

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Krauss, 1303; spp. n.

(b) Europe, collectively.

Insecta.

Ramme, 1975; Reise Oberitalien und Südtirol.

Coleoptera.

Eggers, 664; *Scolytidae* spp. n.

Roubal Ent. Bl. Berlin **7** 1911 pp. 237–239; Europae Coleopterorum patriae novae.

Roubal, 2099; 2 spp. n., *Othius* and *Anaspis.*

Hymenoptera.

Viereck, 2635; *Braconidae* spp. n.

Lepidoptera.

Mittbergerer Intern. ent. Zs. **4** p. 280; Verbreitung, *Biston lapponaria.*

Protura.

Rimsky-Korsakow, 2038; *Eosentomon* sp. n. (Russ. + deutsch. Rés.)

(c) North Europe and Siberia.

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Dahlgren, 546; Skandinavien, Notizen.

Lundblad Ent. Tidskr. **32** p. 208; Schweden, neue Lokale.

Schneider, 2197; Insektenfauna von Maalselven, Norwegen (Norweg).

Coleoptera.

Gassner, 830; Süd-Transbaikalien und Mongolia.

Helliesen, 1039; New for Norway (Norweg).

Holdhaus, 1084; Fauna der Färöer.

Kniž, 1281; *Holcophilydrus* subgen. n. und *Cercyon*, spp. n. Ostsibirien.

Münster, 1670; Norwegen neue *Staphylinidae*.—**Münster, 1671**; Norwegens *Catops* sp. n. (Norweg).

Sahlberg, 2127; Finlands 3 spp. n.—**Sahlberg, 2128**; Finland *Aleochariden*.—**Sahlberg** Medd. Soc. Fauna Fenn. **37** p. 54; Finland *Pediacus depressus*.

Sandin, 2140; neu für Schweden.

Semenov, 2258; Ussuri *Rosalia* sp. n.

Hymenoptera.

Aurivillius, 59; Swedish *Tubulifera*.

Forsius, 769; *Tenthredinidae* 2 spp. n.—**Forsius, 770**; Schlupfwespen.—**Forsius, 771**; *Diprion* spp. n. Finland.

Nordenström, 1737; Sweden parasitic *Hym.*

Roman, 2073; Südfinnland Gezogene Ichneumoniden.

Lepidoptera.

Čugunov, 535; Ob-Jenissei-Kanal. (Russ.)

Djakonov, 598; Murmanküste. (Russ.)

Fabritius Medd. Soc. Fauna Fenn. **37** p. 130; *Microlepidoptera* Finland novelties.

Grum-Gržimajlo, 981; Lepidopteren von Troïtzkossawsk und nord. Mongolei.

Lagerberg, 1345; Schweden *Macrolepidoptera*. (Schwed.)

Ljungdahl Ent. Tidskr. **32** p. 126; Schweden. Notizen.

Peyron Ent. Tidskr **32** p. 125; Sweden *Lepidoptera* new localities.

Sheldon, 2280; Jemtland and Lapland short excursion.

Sjöstedt Ent. Tidskr. **32** p. 211; Sweden rare *Lepidoptera*.

Stichel, 2380; Nordisch. Schmetterlingsfauna.

Tschetverikov, 2559; Halbinsel Yamal *Schoyenia* sp. n.

Vretlind Ent. Tidskr. **32** p. 86; Norwegen Imago von *Eriogaster lanestris* var. *arbusculae*.

Wegelius Medd. Soc. Fauna Fenn. **1911** p. 32; Björneborg *Deilephila nerii*.

Werner-Nielsen, 2721; Macrolepidopterstatistisches für Norwegen. (Norw.)

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Alverdes, 31; *Trichocladius* sp. n.

Frey Medd. Soc. Fauna Fenn. **37** p. 91; *Diptera* Notizen.

Ringdahl, 2041; Sweden *Merodon equestris* and *Ischyrosyrphus laternarius* new.

Aphaniptera.

Wahlgren, 2682; Norwegen *Ctenophthalmus* sp. n.

Hemiptera.

Poppius, 1917; *Lygus* sp. n. Finland.

Reuter Ent. Tidskr. **32** p. 206; Scandinavia further finds of *Teratocoris herbaticus*.

Wuorentaus Medd. Soc. Fauna Fenn. **37** p. 72; Hemipterenfunde aus Finland. (Finnisch.)

Ephemeroptera. Plecoptera. Thysanoptera.

Trägårdh Ent. Tidskr. **32** pp. 91–104; Sweden *Prosopistoma foliaceum*.

Klapálek, 1272; *Neoperla* sp. n. Ladogebiet.

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Linnaniemi, 1430; Apterygotenfauna Norwegens.

Trägårdh, 2551; *Protura* in Schweden gefunden.

(d) British Islands.

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Retrospect for 1910; **Beare, 122.**

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Periclista pubescens novelty; **Morice, 1637.**

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St. Albans, general notes; **Gibbs** pp. 234–238 Tr. Hertfordsh. Soc. **14.**

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†**Handlirsch, 1004**; Miocän Krain, *Bibio* sp. n.

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Homberg, 1099; Nouvelle *Acidalia.*

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Tölg und Fahringer, 2534; Dipteren Hymenopteren Bosniens, Herzegowin und Dalmatien.

Pongrácz, 1910; Creta, *Pseudoneuroptera* et *Neuroptera.*

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Teodoro, 2505; *Coccinellidae Chilocorinae*, Padova.

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Lepri, 1396; *Chrysididae* del Lazio.

Mantero, 1502; Isola dell' Asinara.

Masi, 1525; Chalcididae italiani spp. n.

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Mocsáry, 1616; Creta *Chrysis* n. sp.

Cockerell, 456; Cyprus *Andrena* sp. n.

Buysson, 336a; Mauritanie occidentale 2 spp. n., *Chrysis* and *Pseudomeria.*

Kieffer, 1234; Tangier *Proctotrypidae* 6 spp. n.

Olivier, 1767; N. Africa.

Santschi, 2141; Nouvelles fourmis de Tunisie.

Turner, 2581; Algeria *Palarus* sp. n.

Santschi, 2144; Tunis *Leptothorax* sp. n.

Saunders & Morice, 2157; Algeria *Sphegidae* long list, spp. n.

Strand, 2444; Algier *Melecta* sp. n.

Forel, 765; Jerusalem *Pheidole* sp. n.

Lepidoptera.

Demaison, Bull. Soc. ent. France **1911** p. 402; des grottes de la Catalogne.

Grünberg, 976; *Lasiocampa* Spanien.

Jones, 1175; S. Spain *Rhopalocora.*

Walsingham, 2688; Granada *Symmoca* sp. n.

Bethune-Baker Ent. Rec. **23** pp. 206–208; Macugnaga short excursion.

Costantini, 497; Nel Modenese.—**Costantini, 498**; Montegibbio, Modena.—**Costantini, 499**; *Hylophila* sp. n.

Perlini, 1829; Monferrato.

Pionneau, 1899; Liste, Sicile et Sardaigne.

Rostagno, 2082; Faunae Romanae.

Rostagno & Zapelloni, 2080; *Lycaenidae* et *Hesperiidae* Faunae Romanae. —**Rostagno & Zapelloni, 2081**; Rhopalocera, Faunae romanae.

Turati, 2568; Italy *Harmodia* and *Phycita*, sp. n., Sardinia *Herminia* sp. n., Sicily *Crambus* sp. n.

Turati, 2570; Sardinien n. spp. *Ephyra, Nola.*

Turati & Verity, 2571; Valderia.

Graeffe, 912; *Fossores* des Küstenlandes.

Schawerda, 2168; Bosniens und Herzegowina.

Stauder, 2368; Adriatischen Küstengebiete.

Graves, 931; Constantinople.

Andres, 35; Marioutwüste bei Alexandrien.

Chrétien, 420; Nord de l'Afrique.

Chrétien, 422; Trois Pyralides de Mauritanie.

Chrétien, 423; Nouveaux genres et espèces de Phycides de Mauritanie.

Dupont, 629; Algérie *Noctuidae* gen. n.

Gibbs, 853; *Rhopalocera.*

Joannis, 1166; Liste Tunisie et Bou-Saada.

Lucas, 1444; Tunisie *Pyralidae* 5 spp. n.

Oberthür, 1745; N. Africa.—**Oberthür, 1754**; Algeria *Chadocera* sp. n.

Olivier Bul. Soc. ent. France **1911** p. 246; *Acherontia atropos* en Tunisie.

Rothschild, 2091; Algeria spp. n., *Eublemma Cucullia, Scodiona* and *Phragmatobia.*

Walsingham, 2687; Algeria *Tineidae* 7 spp. n., genn. n.

Herzog, 1058; Aegypten und Syrien.

Graves pp. 31–36 Ent. Rec. **23**; Syria, continuation from last year.

Courvoisier, 505; Amasia *Lycaena* sp. n.

Le Cerf, 1373; Amasia *Sesia* sp. n.

Rebel, 1986; Syrien, spp. n.

Neuroptera.

Navás, 1695; Maroc *Lertha* sp. n.

Navás, 1686; Algeria *Chrysopa* sp. n.

Navás, 1698; Egypt *Macronemurus* sp. n.

Diptera.

Becker, 125; *Stenopogon* sp. n. Andalusien.

Tuccimei, 2561; Provincia di Roma.

Schnabl, 2196; Korsika, Anthomyidae, spp. n.

Villeneuve, 2637; Deux Asilids nouveaux Corse.

Villeneuve, 2638; Korsika, Tachinidae, spp. n.

Hendel, 1045; *Otites* 4 spp. n.

Newstead, 1717; Malta *Phlebotomus* 3 spp. n.

Bezzi, 181; Tunisie *Scleropogon* n. sp.

Sack, 2124; Algeria, *Pycnomalla* sp. n.

Collin, 462; Egypt, *Agromyza* sp. n.

Villeneuve, 2641; *Atylomia* sp. n. Egypten.

Hemiptera.

Guercio, 984; Penisola Iberica, *Afididi*, spp. n.

Gräffe, 915; Küstenlandes.

Bergevin, & Théry, 140; Liste Algérie.

MacGillavry, 1490; Algerien und Tunesien.

Marchal, 1503; Algérie *Aspidiotus* sp. n.

Newstead, 1718; Egypt *Coccidae* spp. n.

Poppius, 1915; *Raphidosoma* spp. n. Palästina, and Aegypten.

Psocoptera.

Rosen, 2077; Italy *Troctes* sp. n.

Embioptera & Isoptera.

Krausse, 1307; *Embia* von Sardinien.

Silvestri, 2311; Isoptera Tunis spp. n.

Orthoptera.

Wolff, 2770; Sardinia *Platycleis* sp. n.

Shelford, 2281; Tunis *Blattidae* 2 spp. n., gen. n.

Burr, 322; Cairo *Diplatys* sp. n.

(h) Caucasus, West & Centr. Asia.

Insecta, collectively.

Fuchs, 809; Forschungsreise gesammelten Insekten.

Kiseritzky, 1269; Insekten des Gebiets der Don'schen Kosaken (Russ.).

Coleoptera.

Aulmann, 53; Transkaspien, Sammelreise.

Bernhauer, 159; 3 spp. n. Turkestan, *Staphylinus, Achenium* and *Bledius.*

Kerremans, 1224; Buprestides 4 spp. n.—**Kerremans, 1226;** Persia *Lampetis* sp. n.

Lesne, 1399; *Lyctus* sp. n.

Luze, 1475; *Lathrimaeum* spp. n. Kaukasus.—**Luze, 1477;** *Medon* sp. n. Kaukasus.

Netolitzky, 1707; Persia *Bembidion* sp. n.

Reineck, 1998; Syria *Macrolenes* sp. n.

Reitter, 2009; *Gynandropthalma* und *Phloeonomus* spp. n. asiat. Türkei.—**Reitter, 2010;** *Nanophyes* sp. n. Transkaukasus.—**Reitter, 2012;** *Phytoecia* 3 spp. n. Transkaspien.—**Reitter, 2014;** *Rhynchaenus* spp. n.

Roubal, 2098; *Olophrum* sp. n. Kaukasus.

Schmidt, 2184; Centr. Asia *Heptaulacus* sp. n.

Spaeth, 2359; Arabien gen. n. *Cassididae.*

Suvorov, 2484; Russisch Centralasien and Mongolia *Compsodorcadion* spp. n.—**Suvorov, 2486;** Mongolei *Stephanocleonus* spp. nn.

Hymenoptera.

Buysson, 336; Asie centrale.

Meade-Waldo, 1543; Persia *Polybia* 2 spp. n.

Lepidoptera.

Bastelberger, 118; Tibet *Urapteryx* sp. n.

Čugunov, 536; Macrolepidopteren der Baraba-Steppe (Russ.).

Le Cerf, 1371; *Sesia* sp. n.

Stichel, 2381; n. spp. & subspp., *Colias, Thestor, Cerura, Antitype, Dieida* g. n.

Neuroptera.

Navás, 1697; Araxestal *Mantispa* sp. n.

Hemiptera.

Kiričenko, 1263; Syr-Darja-Gebiet, *Haploprocta* sp. n.—**Kiriđenko, 1264;** Pamir Tibet, Mongolia, *Acanthia* spp. n.

Melichar, 1558; *Eupteryx* sp. n. Kleinasien.

Montandon, 1626; Turkestan *Aphelocherius* sp. n.

Isoptera.

Vasiljev, 2612; Kreis Merw und Syr-darja-Gebiet, *Hodotermes* spp. n.

Odonata (or *Paraneuroptera*).

Bartenef, 108; spp. n.—**Bartenev, 109;** *Calopteryx* 2 spp. n. (Russ.).—**Bartenev, 110;** *Odonata* Transkaukasiens (Russ.).—**Puschnig 1954;** Südostrussland.

Orthoptera.

Konnikov, 1137; Semiretshje-Gebiet *Stenobothrus, Stauroderus, Bryodema,* spp. n.

Pylĭnov, 1955; Semiretshje-Gebiet, Mantodea, Phasmatodea, Locustodea, Gryllodea; *Olynthoscelis* sp. n. (Russ.).

Uvarov, 2599; Orthopteren der Kirgisensteppen, *Gryllodes* sp. n.

Africa.

Insecta, collectively.

Kellogg & Paine, 1218; *Anoplura* and *Mallophaga* spp. n.

Longstaff, 1437; Sudan excursion.

Simpson, 2316; West Africa.

Coleoptera.

Arrow, 44; gen. n. *Orphninae.*—**Arrow, 45**; White Nile *Dynamopus* sp. n.—**Arrow, 46**; *Dynastinae* 4 spp. n.

Aulmann, 55; 2 spp. n., *Schizonycha* and *Camenta.*

Aurivillius, 58; Africa trop. *Cerambycidae* 2 genn. n. 23 spp. n.

Bickhardt, 183; Deutsch-Ostafrika Histeriden 10 spp. n.—**Bickhardt, 185**; Histeriden 2 spp. n.—**Bickhardt, 186**; Neue Histeriden.

Boileau, 200; Trop. Africa *Nigidius* sp. n.

Distant, 593; S. African *Cetoniidae.*

Dupuis, 632; *Omophron* 2 spp. n.

Eichelbaum, 667; Käferlarven und Puppen.

Felsche, 726; *Copridae* 2 spp. n.

Gestro, 849; Paussidae della Colonia eritrea.

Gillet, 862; *Copridae* 6 spp. n. 2 genn. n.

Grouvelle, 964; *Trachypholis* sp. n. —**Grouvelle, 967**; *Helminthidae* Afrique orientale et centrale.—**Grouvelle, 968**; 2 spp. n. *Meligethes, Cryptarcha.* —**Grouvelle, 969**; *Diphyllus* sp. n.—**Grouvelle, 971**; *Pycnomerus* sp. n.

Hintz, 1074; *Cerambycidae* spp. n., genn. n.

Horn, 1101; *Cicindela* sp. n.

Jordan, 1183; St. Thomé *Anthribidae* 3 spp. n.—**Jordan, 1184**; *Litocerus, Acorynus, Phloeotragus* 6 spp. n.

Kerremans, 1225; 15 spp. n. *Buprestidae.*—**Kerremans, 1226**; *Psiloptera* and *Oedisterna*, 23 spp. n.

Kolbe, 1287; 3 spp. n.

Lesne, 1414; *Bostrychidae.*

Lewis, 1420; *Histeridae* 6 spp. n.

Marshall [in] **King, 1258**; *Baris* sp. n.—**Marshall, 1516**; Sudan *Baris* sp. n.

Mocsáry, 1617; *Chrysididae*, spp. n.

Möllenkamp, 1620; *Metopodontus* sp. n.

Moser, 1651; *Cetoniidae* 6 spp. n., gen. n.—**Moser, 1652**; *Cremastochilides* 10 spp. n., gen. n.—**Moser, 1654**; *Cetoniidae* spp. n.—**Moser, 1656**; *Cetoniidae* spp. n.

Oberthür, René, 1756; Soudan français, *Cerambycidae* gen. n.

Ohaus, 1759; *Popillia* and *Anomala* spp. n.

Orbigny, 1778; Abyssinie *Onthophagus* 2 spp. n.—**Orbigny, 1779**; Niger-Tchad 3 spp. n.

Pic, 1844 & 1845; Chari-Tchad *Hylophilus* nouveaux.—**Pic, 1846**; *Scraptia* nouveaux.—**Pic, 1860**; Malacodernes et Hétéromères.—**Pic, 1843**; 3 spp. n., *Cantharis Hylophilus* and *Pseudocistela.*—**Pic, 1864**; 3 spp. n., *Lytta* and *Notoxus.*—**Pic, 1871**; Mégalopides nouveaux.—**Pic, 1877**; *Melyridae*, sp. n.

Reitter, 2003; Erythraea *Xylographus* sp. n.

Schmidt, 2181; *Aphodius* nouveaux. —**Schmidt, 2182**; *Rhyparus* sp. n.—**Schmidt, 2184**; *Aphodiini* spp. n.

Schubert, 2226; *Staphylinidae* spp. n.

Spaeth, 2359; *Cassididae* spp. n.

Stefani-Perez, 2372; *Bostrychus* sp. n.

Strohmeyer, 2460; neue Platypodidengattung.—**Strohmeyer, 2461**; Abessynien *Scolytidae* 2 spp. n.—**Strohmeyer, 2464**; Platypodiden spp. n.

Théry, 2520; *Buprestidae* spp. n.—**Théry, 2521**; Buprestides Nil Bleu.

Vuillet, 2663; *Platysmatini* gen. n. —**Vuillet, 2662**; *Rhabdotis* sp. n.—**Vuillet, 2664**; *Pachnoda* sp. n.—**Vuillet, 2671**; Trichopterygidae gen. n. —**Vuillet, 2675**; nouveau Carabide du Soudan.

Wagner, 2680; *Apion* spp. n.

Wasmann, 2699; *Staphylinidae* genn. n.

Weise, 2712; *Cryptonychus* sp. n.—**Weise, 2713**; Chrysomelidae spp. n.

Wichmann, 2744; neuer abessynischer *Cladoctonus*.

Strepsiptera.

Pierce, 1894 gen. n.

Hymenoptera.

Bischoff, 188; Fossoria, Chrysididae, Stephanidae, spp. n.

Brauns, 253; *Gorytes* 2 spp. n.—**Brauns, 254**; *Nysson* Südafrikas.—**Brauns, 255**; südafrikanische *Nitela* 4 spp. n.

Cameron, 353; many spp. n., *Arge* and *Parasitica*.

Cockerell, 456; *Apidae* spp. n.

Crawford, 514; *Proctotrypidae* and *Chalcididae* spp. n.

Enslin, 696; Tenthrediniden spp. n. genn. n.

Forel, 758; Fourmis nouvelles.—**Forel, 761**; Congo *Cataulacus* sp. n.—**Forel, 763**; Ameisen spp. n.—**Forel, 766**; *Formicidae* spp. n.

Friese, 781; *Prosopis* spp. n.—**Friese, 788**; *Xylocopa* sp. n.—**Friese, 790**; Bienen spp. n.—**Friese, 791**; Neue Bienen.

Girault, 886; *Trichogrammatidae* gen. n.

Kieffer, 1234; *Proctotrypidae* 2 spp. n.—**Kieffer, 1242**; *Gasteruption, Neostephanus*, spp. n.—**Kieffer, 1246**; *Foenatopus* sp. n.

Krieger, 1312; Süd-Kamerun und Spanisch-Guinea, *Gabunia* spp. n.

Meade-Waldo, 1543; *Diploptera* 3 spp. n.—**Meade-Waldo, 1544**; *Diploptera* 9 spp. n.

Santschi, 2148; Nouvelles fourmis.—**Santschi, 2152**; *Platythyrea, Prenolepis* and *Plagiolepis* spp. n.

Stitz, 2384; *Formicidae* spp. n.

Strand, 2403; Kamerun spp. n., gen. n.—**Strand, 2415**; *Ceratina* sp. n. *Xylocopa* sp. n.—**Strand, 2416**; *Nomia* und *Omachthes* spp. n.—**Strand, 2422**; *Nomia, Systropha* und *Tetralonia* spp. n.—**Strand, 2423**; *Apidae* spp. n.—**Strand, 2424**; *Megachile* spp. n.—**Strand, 2444**; *Apidae* spp. n.—**Strand, 2450**; Kamerun, *Dorylus* sp. n.—**Strand, 2452**; *Nomia* spp. n.—**Strand, 2453**; *Apidae* spp. n.

Szépligeti, 2498; *Braconidae* n. spp.—**Turner, 2582**; *Scoliidae* 4 spp. n.—**Turner, 2583**; Süd-Kamerun und Spanisch-Guinea, *Methoca, Tiphia* u. *Scolia* spp. n.—**Turner, 2580**; Boma *Elis* sp. n.

Viereck, 2634; *Ichneumon* & *Bracon* spp. n.

Wasmann, 2699; *Dorylus* sp. n.

Lepidoptera.

Aurivillius, 60; Afr. Trop. and S., 11 spp. n., *Lasiocampidae* and *Striphnopterygidae*.—**Aurivillius, 62**; *Satyridae*.

Bethune-Baker, 168; Trop. Africa 129 spp. n., *Bombyces, Noctuidae, Geometridae*, genn. n.—**Bethune-Baker, 169**; *Castalius* sp. n., *Caprona* sp. n., *Noctuidae* 89 spp. n. and genn. n., *Thyrididae* 4 spp. n.

Closs, 430; *Polyptychus* sp. n.

Druce, 619; W. Africa, 2 spp. n., *Agathia* and *Agatha*.—**Druce, 620**; 3 spp. n., *Virbia* and *Acontia*.—**Druce, 621**; W. Africa: *Lophoptera* sp. n.

Eltringham, 670; *Acraea* 4 spp. n.

Fletcher, 748; S. Africa *Oxyptilus* 2 spp. n.

Grünberg, 975; Westafrikanische n. spp., *Gnophodes, Acraea, Neptis, Pseudargynnis, Euryphene, Diestogyna, Pentila, Pseuderesia, Liptena, Megalopalpus, Cupido, Mylothris*.—**Grünberg, 978**; *Metarbelidae* Kamerun spp. n.—**Grünberg, 980**; Deutsch-Südwest-Afrika *Maenas* sp. n., *Paramaenas* g. n.

Oberthur, 1753; Hétérocères nouvoaux.

Hampson, 1000; 39 spp. n.

Joannis, 1165; *Leucophanera* sp. n.

Jordan, 1186; Congo *Polyptychus* sp. n.

Le Cerf, 1368; Saturnides 2 spp. n., gen. n.

Meyrick, 1591; many spp. n., 5 genn. n.—**Meyrick, 1592**; many spp. n., 4 genn. n., *Microlepidoptera*.

Prout, 1949; *Corium* sp. n.—**Prout, 1951**; Congo *Antharmostes* sp. n.—**Prout, 1952**; *Geometridae* 5 spp. n.

Rebel, 1981; Tanganika-See *Rhopalocera.*

Riel, 2035; Saturnides et Pinarides nouveaux ou peu connus du Sénégal.—**Riel, 2036**; *Taragama* 2 spp. n.

Rothschild, 2095; E. Africa *Aegeria* sp. n.

Schouteden, 2203; Congo Rhopalocera list.—**Schouteden, 2204**; Uellé *Rhopalocera* list.

Strand, 2393; Danaidae Satyridae und Lycaenidae, Usambara spp. n.—**Strand, 2399**; Deutsch-Ostafrika, n. spp., *Acraea, Asterope, Aterica, Charaxes, Hypolycaena, Pieris, Papilio, Jana, Gonimbrasia, Bunaea, Gynanisa, Ludia, Xanthospilopteryx, Chalia, Talaeporia, Hesperia.*—**Strand, 2404**; *Cupido* and *Bombyces*, spp. n.—**Strand, 2406**; Neue Gattungen und Arten Heterocera.—**Strand, 2408**; Deutsch-Ostafrika *Polyptychus* sp. n.—**Strand, 2409**; *Ludia* spp. n.—**Strand, 2417**; *Ozarba* sp. n. Daressalam.—**Strand, 2425**; Abyssinien *Rhopalocera* spp. n.—**Strand, 2426**; g. n. Hesperiidarum.—**Strand, 2428**; Kamerun, *Pachypasa* sp. n.—**Strand, 2431**; *Euryphene* sp. n.—**Strand, 2436**; *Terina* 3 spp. n.—**Strand, 2437**; 2 spp. n. *Phasicnecus* und *Thaumatopoea.*—**Strand, 2438**; *Monda* sp. n.—**Strand, 2442**; *Polygrammodes* sp. n.—**Strand, 2443**; Deutsch-Ost-Afrika *Tagoropsis* sp. n.—**Strand, 2445**; *Phiala* sp. n.—**Strand, 2446**; *Diatraea* sp. n.—**Strand, 2449**; n. spp., *Cupido, Monda, Parnia, Odontopacha, Leptaroa, Euproctis, Geodena, Athetis.*—**Strand, 2451**; *Graphidura* spp. n.

Warren, 2692; *Geometridae* and *Pyralidae*, 3 genn. n., spp. n.

Wichgraf, 2742; *Xanthospilopteryx* sp. n.

Trichoptera.

Ulmer, 2592; *Dipseudopsis* sp. n.

Neuroptera.

Banks, 87; *Myrmeleonidae* spp. n.

Klapálek, 1271; Zwei Myrmeleoniden, Abyssinien.

Navás, 1684; *Nemopistha* sp. n.—**Navás, 1686**; *Chrysopides* 3 spp. n.—**Navás, 1688**; *Ascalaphidae* spp. n.—**Navás, 1695**; spp. n. *Nemopteridae Osmylidae, Myrmeleonidae.*—**Navás, 1698**; C. G. H., *Osmylus* sp. n.

Peringuey, 1827; *Palpares* and *Nemoptera* 4 spp. n.

Diptera.

Austen, 66; Congo *Pangoniinae* spp. n.—**Austen, 67**; *Tabanus* sp. n.—**Austen, 68**; *Glossina* sp. n.—**Austen, 69**; *Chrysops* 3 spp. n.—**Austen, 70**; *Hippoboscidae* 2 spp. n.—**Austen, 71**; *Tabanus* 2 spp. n.—**Austen, 73**; *Glossina* 2 spp. n.

Carter, 370; Uganda *Culiciomyia* sp. n.

Edwards, 658; Ashanti *Eretmapodites* sp. n.—**Edwards, 659**; *Anopheles* 2 spp. n.—**Edwards, 660**; *Culicinae*, revision.—**Edwards, 661**; W. Africa *Ceratocheilus* sp. n.

Enderlein, 680; *Oscinosomini* gen. n.—**Enderlein, 687**; Trypetiden 8 spp. n., genn. n.

Froggatt, 799; Khartoum *Dacus* sp. n.

Hendel, 1043; Ost-Afrika, *Sepedon* spp. n.

Neave, 1700; Rhodesia haematopotic *Diptera.*

Newstead & Carter, 1722; *Culicidae* 4 spp. n.

Roubaud, 2100; Dahomey *Stomoxys* spp. n.—**Roubaud, 2101**; *Stomoxys* sp. n.

Pittaluga, 1900; *Oecacta* n. sp.

Scheben, 2170; *Dermatoestrus* n. sp.

Speiser, 2362; 11 spp. n., gen. n.

Surcouf, 2476; Afrique orientale anglaise *Pangonia.*—**Surcouf, 2479**; *Tabanus* sp. n.—**Surcouf, 2480**; *Tabanidae* 2 spp. n.—**Surcouf et Arias, 2481**; Piqueurs Dahomey.—**Surcouf et Arias-Encobet, 2482**; Piqueurs Niger Tchad.

Theobald, 2510; Uganda *Corethra* sp. n.—**Theobald, 2515**; Sudan *Culicidae* 2 spp. n.—**Theobald, 2517**; Uganda *Culicidae* spp. n.—**Theobald, 2518**; *Pyretophorus* and *Culex* 6 spp. n.

Wellman, 2718; Mosquitoes of Bihé and Bailundo.

Aphaniptera.

Rothschild, 2085; gen. n.

Hemiptera.

Bergroth, 142; *Capyella* sp. n.

Distant, 589; 11 spp. n. *Euahanes, Oannes, Lygaeus, Sanazarius, Neovarus, Holotrichius, Pirates.*

Horváth, 1107; *Phyllontocheila* spp. n.—**Horvath, 1108**; Uganda *Valleriola* sp. n.—**Horváth, 1109**; Abyssinia *Cicadidae* gen. n.

Howatt, 1122; Anthocoride nouveau du Dahomey.

Lindinger, 1427; *Coccidae* spp. n.

Melichar, 1557; Homoptera numerous spp. n.

Montandon, 1627; 2 spp. n., *Laccotrephes* and *Ranatra.*

Neiva, 1705; *Triatoma* spp. n.

Newstead, 1715; *Coccidae* and *Aleurodidae*, spp. n.—**Newstead, 1718**; *Coccidae* spp. n.—**Newstead, 1719**; gen. n. *Psyllidae.*

Poppius, 1913; *Helopeltis* 3 spp. n. —**Poppius, 1914**; *Pameridea* sp. n. Kapland.—**Poppius, 1920**; *Eurystylus* spp. n.

Reuter & Poppius, 2028; *Bryocorina* 6 spp. n., genn. n.

Schmidt, 2188; Homopteren, 10 spp. n., genn. n.—**Schmidt, 2189**; *Paropioxys* 2 spp. n.—**Schmidt, 2190**; Membraciden, spp. n.

Schouteden, 2206; *Cimicidae* and *Coreidae* spp. n.—**Schouteden, 2207**; *Reduviidae* spp. n.

Schumacher, 2240; *Ploiariola* sp. n.

Strand, 2411; *Anecphora* sp. n. Kamerun.—**Strand, 2418**; neue *Anecphora* Kamerun.—**Strand, 2421**; *Malfeytia* sp. n.

Thysanoptera.

Trybom, 2557; Britt. Ostafrika 2 spp. n.—**Trybom, 2558**; Ägypten und Sudan, spp. n.

Psocoptera.

Enderlein, 682; *Archipsocus* n. sp.

Ribaga, 2030; Copeognati sudafricani nuovi.

Mallophaga.

Mjöberg, 1614; Ägypten und Sudan.

Isoptera.

Sjöstedt, 2322; Brit. East Africa *Eutermes* sp. n.—**Sjöstedt, 2323**; Termiten 12 spp. n.—**Sjöstedt, 2324**; Kongo Termiten 8 spp. n.—**Sjöstedt, 2325 & 2326**; spp. n.

Wasmann, 2699; spp. n.

Embioptera.

Krauss, 1303; spp. n.

Ephemeroptera.

Navás, 1683; 2 spp. n.

Odonata or *Paraneuroptera.*

Grünberg, 977; Victoria-Nyanza, 2 spp. n.

Ris, 2044; *Anax* sp. n.—**Ris, 2045**; *Orthetrum* 2 spp. n.— **Ris, 2047**; *Bradinopyga* sp. n.

Orthoptera.

Bolivar, 205; Congo *Acridiidae* 12 spp. n., genn. n.

Burr, 313; Trop. Africa incl. Abyssinia, *Forficulidae* 10 spp. n.—**Burr, 315**; 8 spp. n. *Forficulidae.*

Giglio-Tos, 858; *Mantidae* spp. n.—**Giglio-Tos, 859**; *Tarachodes* 15 spp. n. —**Giglio-Tos, 860**; *Galepsus* 16 spp. n.

Griffini, 938; *Gryllacris* sp. n. Kamerun.—**Griffini, 941**; n. gen. *Gryllacridae.*—**Griffini, 943**; *Grillacridi* 2 spp. n.—**Griffini, 949**; *Grillacridi*, catalogo.—**Griffini, 953**; *Neanias* 2 n. spp.

Karny, 1207; *Homorocoryphus* sp. n.

Kuthy, 1336; Africa or. *Phlaeoba* n. sp.

La Baume, 1343; n. spp., *Homoeoxipha, Madiga, Pardalota.*

Rehn, 1991; *Mantidae* and *Phasmidae* spp. n.

Schulthess-Rechberg, 2228; Transvaal *Phasmidae* gen. n.

Shelford, 2281; *Blattidae* 5 spp. n.—†**Shelford, 2284**; Amber *Blattidae* spp. n.—**Shelford, 2285**; *Blattidae* spp. n.

Zacher, 2783; *Forficulidae* spp. n.

Madagascar and Mascarene Islands.

Coleoptera.

Arrow, 42; *Lonchotus* 5 spp. n.—**Arrow, 46**; gen. n. near *Phileurus.*

Beguin-Billecocq, 132; *Apion* spp. n.

Felsche, 726; *Epilissus* spp. n.

Jordan, 1184; *Anthribidae* gen. n.

Kerremans, 1226; Mad. (incl. Comoro islds.) *Polybothris* 19 spp. n.

Moser, 1653; *Serica*, Madagascar.—**Moser, 1654**; *Cetoniden* spp. n.

Pic, 1871; *Colobaspis* sp. n.

Schubert, 2226; *Staphylinidae* spp. n.

Spaeth, 2359; *Cassididae* spp. n.

Strohmeyer, 2464; *Platypus* spp. n.

Théry, 2520; *Buprestidae* spp. n.

Weise, 2712; *Coelaenomenodera* sp. n.

Hymenoptera.

Kieffer, 1238; Seychelles *Cynipidae* 8 spp. n.

Santschi, 2144; *Sima* sp. n.—**Santschi, 2150**; *Formicidae* spp. n.

Turner, 2584; Seychelles etc. *Fossoria* spp. n.

Lepidoptera.

Dognin, 607; *Axiodes* sp. n.

Fletcher, 749; Seychelles *Heterocera* 13 spp. n., distribution discussed.—**Fletcher, 750**; Seychelles etc., *Orneodidae* and *Pterophoridae* 4 spp. n.

Le Cerf, 1371; *Aegeriidae* gen. n.

Meyrick, 1590; Aldabra and Seychelles *Tortricina* and *Tineina* 99 spp. n., distribution discussed.

Rothschild, 2093; *Rhodogastria* sp. n.—**Rothschild, 2096**; *Micronaclia* 3 spp. n.

Strand, 2449; *Parnia* sp. n.

Trichoptera.

Ulmer, 2592; *Dipseudopsis* sp. n.

Neuroptera.

Navás, 1686; Seychelles and Mauritius *Chrysopa* spp. n.

Diptera.

Enderlein, 686; *Chloropidae* 2 spp. n.—**Enderlein, 687**; *Trypetidae* spp. n.

Kieffer, 1239; Seychelles *Cecidomyiidae* many spp. n.—**Kieffer, 1240**; Seychelles *Chironomidae* many spp. n.

Hemiptera.

Bergroth, 146; *Pentatomidae* 2 genn. n.

Distant, 581; *Pentatomidae* gen. n.

Horváth, 1107; *Glypsus* sp. n.

Schmidt, 2188; *Cornelia* sp. n.

Orthoptera.

Giglio-Tos, 858; Comoro, gen. n. *Mantidae.*

Griffini, 947; *Gryllacris* 2 spp. n.—**Griffini, 948**; *Gryllacridae* spp. n.

Asia, Tropical & Eastern,

Including Japan, Biluchistan, Afghanistan.

For West and Centr. Asia *vide* Palaearctic (*h*); for North Asia *vide* Palaearctic (*c*).

Insecta, collectively.

Banks, 91; India *Neuroptera* and *Trichoptera* spp. n.

Matsumura, 1536; Formosa, sugarcane ins., spp. n.

Navás, 1693; China, Formosa, Japan, *Neuroptera* s.l. spp. n., genn. n.

Coleoptera.

Arrow, 47; India etc., *Micranomala* gen. n.—**Arrow, 48**; Ceylon *Rutelinae* 11 spp. n.—**Arrow, 49**; India *Anomala* 14 spp. n.

Bernhauer, 157; India *Staphylinidae* spp. n.

Boileau, 200; Burma etc., *Lucanidae* 6 spp. n.—**Boileau, 202**; India *Metopodontus* sp. n.

Bolkay, 208; Formosa gen. n, *Brenthidae.*

Boppe, 215; Yunnan *Prionidae* gen. n.—**Boppe, 216;** *Rosalia* de Formose.

Csiki, 529; India *Aulacochilus* sp. n., Formosa *Rosalia* sp. n.

Formánek, 768; *Byctiscus* sp. n. Ost-China.

Gillet, 861; Bengal *Copris* sp. n.—**Gillet, 863;** Tonkin *Synapsis* sp. n., India *Onitis* sp. n.

Grouvelle, 962; Yunnan and Formosa *Heterocerus* spp. n.—**Grouvelle, 964;** India etc. *Trachypholis* spp. n.—**Grouvelle, 972;** India *Clavicornia* 5 spp. n.

Hauser, 1015; China *Coptolabrus* sp. n.

Heikertinger, 1031; *Aphthona* sp. n. Buchara.

Heller, 1034; Formosa *Ceracupes* sp. n.

Horn, 1103; Ceylon, India, Sumatra, ancient connection.—**Horn, 1104;** *Cicindela*, Ceylon.

Jordan, 1184; India, Malay Penins., *Anthribidae* 10 spp. n.

Kuntzen, 1327; Assam and Formosa *Lesticus* 2 spp. n.

Lameere, 1351; Annam *Dorysthenes* sp. n.

Lapouge, 1357; île Quelpart *Coptolabrus* sp. n.

Lesne, 1404; Tonkin *Heterarthron* sp. n.—**Lesne, 1410;** *Dinoderus* 2 spp. n.

Lewis, 1420; India, China, Japan, *Histeridae* 4 spp. n.

Moser, 1651; China and Formosa *Cetoniidae* 3 spp. n.—**Moser, 1652;** Yunnan *Callynomes* sp. n.—**Moser, 1654;** India *Clinteria* sp. n.

Netolitzky, 1709; *Bembidion* sp. n. Ost-Buchara.

Ohaus, 1760; Yunnan *Fruhstorferia* sp. n.

Pic, 1847; *Cantharidae, Lampyridae, Mordellidae,* spp. n.—**Pic, 1860;** *Malacoderm* and *Heteromera.*—**Pic, 1867;** *Hylophilus* de Malacca.—**Pic, 1872;** India and Ceylon *Idgia* 2 spp. n.

Prell, 1942; Cochin China *Clyster* sp. n.

Ritsema, 2050; Formosa *Helota* sp. n.

Sampson, 2132; Perak and Ceylon *Scolytidae* 2 spp. n., gen. n.

Schilder, 2177; Cicindelinenfauna des chinesischen und des japanischen Reiches.

Schmidt, 2183; Andaman islds. *Dialytes* sp. n.

Schönfeldt D. ent. Nationalbibl. Berlin **2** pp. 189–190; Sauter's Formosa-Ausbeute.

Schubert, 2226; India, China, *Staphylinidae* spp. n.

Sicard, 2295; Coccinellides de l'Inde.

Silvestri, 2298; Singapore *Staphylinidae* gen. n.

Stebbing, 2369; India 3 spp. n., *Anthaxia, Cryptorhynchus* and *Platypus.*

Théry, 2520; *Buprestidae* spp. n.—**Théry, 2522;** Chota Nagpore *Agelia* sp. n.

Vuillet, 2661; *Autocrates* sp. n.—**Vuillet, 2667;** Japon *Rosalia* sp. n.

Wasmann, 2700; Ceylon *Paussus* sp. n.

Weise, 2713; Siam *Paradibolia* sp. n.

Strepsiptera.

Pierce, 1894; spp. n.

Hymenoptera.

Cameron, 348; Ceylon gen. n. *Hemitelini.*—**Cameron, 352;** Japan 4 spp. n., *Rhynchium* and *Ancistrocerus.*—**Cameron, 358;** *Xanthopimpla* Bengal.

Cockerell, 435; Formosa, India, Ceylon, *Apidae* 10 spp. n.—**Cockerell, 436;** Formosa *Apidae* 9 spp. n.—**Cockerell, 437;** Formosa *Megachile* spp. n., India *Anthophora* sp. n.—**Cockerell, 438;** India and Ceylon *Apidae* 16 spp. n.—**Cockerell, 439;** China *Megachile* sp. n.—**Cockerell, 440;** Formosa *Halictus* 7 spp. n., India *Melissina* sp. n.—**Cockerell, 441;** China *Crocisa* 2 spp. n.—**Cockerell, 450;** Formosa *Bombus* sp. n.—**Cockerell, 452;** Himalayan Tibet *Nomada* sp. n.—**Cockerell, 453;** India and China *Anthophora* 2 spp. n.—**Cockerell, 454;** Formosa *Apidae* 2 spp. n.—**Cockerell, 456;** China *Andrena* sp. n., Singapore

Ceratina sp. n.—**Cockerell, 456a**; India and China *Apidae* spp. n.—**Cockerell, 459**; Japan and China *Apidae* spp. n. —**Cockerell, 459a**; Japan, Tibet, China, Siam, *Apidae* spp. n.

Crawford, 513; Japan *Chrysididae* 2 spp. n.

Emery, 674; India *Pseudolasius* sp. n.

Enslin, 689; Formosa *Tenthredinidae* spp. n.—**Enslin, 697**; *Tenthrediniden* Formosa spp. n., genn. n.

Forel, 758; Fourmis nouvelles ou intéressantes.—**Forel, 762**; Ceylon *Vollenhovia* sp. n.—**Forel, 763**; Japan *Camponotus* sp. n.—**Forel, 764**; Singapore, Ceylon, *Formicidae* spp. n.—**Forel, 765**; Ceylon *Formicidae* gen. n., spp. n.—**Forel, 767**; Burma *Pseudolasius* sp. n.

Friese, 789; China and Formosa *Apidae* spp. n.

Girault, 887; China and Japan *Trichogrammatidae* spp. n.

Howard, 1118; India *Prospaltella* sp. n.

Kieffer, 1234; India and Celyon *Proctotrypidae* 2 spp. n.—**Kieffer, 1244**; Dryinide, Indes orientales.

Meade-Waldo, 1543; Formosa *Vespa* sp. n.

Mocsáry, 1617; *Chrysididae* spp. n.

Rohwer, 2067; Formosa spp. n.—**Rohwer, 2070**; India *Tachytes* sp. n.

Santschi, 2147; Deux nouvelles fourmis du Tonkin.

Strand, 2396; Ceylon and China *Podagrion* spp. n.—**Strand, 2414**; Formosa gen. n. *Chalcididae*.—**Strand, 2419**; *Chalcididen* gen. n.—**Strand, 2430**; *Anacryptus* and *Antrocephalus* spp. n.

Turner, 2581; Karachi and Quetta *Palarus* 2 spp. n.

Ulbricht, 2589; Japan *Pimpla* sp. n.

Viereck, 2634; Japan 2 spp. n., *Phygadeuon* and *Diacretus*.—**Viereck, 2635**; Japan *Pimpla* sp. n.

Yano, 2778; *Polyrhachis* of Japan. —**Yano, 2779**; Japan *Formicidae* sp. n.

Lepidoptera.

Austaut, 65; *Psilogramma* sp. n. Japan.

Bastelberger, 112; Formosa *Milionia* spp. n.—**Bastelberger, 113**; Geometriden Formosa.—**Bastelberger, 114**; *Geometridae* Formosa.—**Bastelberger, 115**; Andaman islds. *Dysphania* sp. n. —**Bastelberger, 119**; Geometriden Formosa spp. n.

Bell, 133; The common butterflies of the plains of India.

de Rhé-Philipe, 568; Yunnan butterflies.

Druce, 618; India *Parhestina* sp. n. —**Druce, 620**; Assam *Tyana* sp. n.

Grünberg, 973; China *Gastropacha* sp. n.

Hampson, 1000; incl. Tibet, 12 spp. n.—**Hampson, 1001, 1002**; British India *Hadeninae*.

Jordan, 1185; Tonkin *Loepa* sp. n.—**Jordan** (in Seitz), **2255**; *Saturniidae* spp. n.

Martin, 1521; Rundfahrt.

Meyrick, 1586; India *Gelechiidae* and *Xyloryctidae* spp. n.—**Meyrick, 1589**; India 3 spp. n., *Lithocolletis* and *Acrocercops*.

Miyake, 1612; Lithosianae of Japan.

Prout, 1949; Tientsin *Acidalia* sp. n. —**Prout, 1951**; India *Gelasma* sp. n.

Peile J. Bombay Soc. **20** p. 833; List of butterflies, Ganges valley.

Rothschild, 2095; Assam *Sphecia* sp. n., Malay Penins., *Paranthrena* sp. n.—**Rothschild, 2096**; Formosa, Yunnan and Annam, *Amata* 4 spp. n.

Strand, 2433; *Lymantriidae* 3 spp. n.

Swinhoe, 2492; India *Lycaenidae* 9 spp. n.

Tytler, 2585; Naga hills *Rhopalocera* annoted list, *Apatura* sp. n.

Warren, 2693; *Noctuidae* spp. n.—**Warren, 2694**; India and Burma *Noctuidae* 15 spp. n.

Wileman, 2753; Formosa *Rhopalocera* spp. n.—**Wileman, 2754**; Formosa 47 spp. n.—**Wileman, 2756**; Formosa *Geometridae* 27 spp. n.—**Wileman, 2757**; Japan *Heterocera* many spp. n.

Yano; *Euchloe, Aporia, Oeneis*, in Japan (Japanese); Dobuts. Z. Tokyo **23** pp. 53–56.

Trichoptera.

Ulmer, 2591; Formosa spp. n.

Neuroptera.

Gravely, 928; Myrmeleonid and Ascalaphid larvae.

Miyake, 1613; Japan *Panorpa* sp. n.

Navás, 1698; Tonkin and Malabar 2 spp. n., *Micromus* and *Chrysopa*.—**Navás, 1699**; India Némoptéride nouveau.

Okamoto, 1766; Zur Mantispiden Japans.

Diptera.

Becker, 123; *Chloropidae* many spp. n.

Brues, 286; Formosa *Phoridae* n. spp.

Brunetti, 292; Indian region, *Nemocera* many spp. n.—**Brunetti, 294**; Oriental Tipulidae spp. n.—**Brunetti & James, 295**; Yunnan *Bibionidae*, *Mycetophilidae* and *Anophelinae*.

Christophers, 425; India *Culicidae* gen. n.—**Christophers, 427**; *Neocellia* n. sp.

Edwards, 657; Ceylon *Limnobiinae* 10 spp. n.

Enderlein, 687; Formosa *Trypetidae* spp. n.

Felt, 733; *Endaphis* sp. n. Ceylon.

Hendel, 1043; Formosa *Sepedon* sp. n.

Kieffer, 1251; Yunnan *Chironomides*.—**Kieffer, 1252**; India, etc., *Chironomidae* spp. n.—**Kieffer, 1253**; Chironomides Himalaya et Assam.

Pérez, 1823; *Vespa* spp. n.

Perry, Paludism 1911 p. 62; *M. listoni* Punjab.

Ricardo, 2032; *Tabanidae* spp. n.

Speiser, 2362; Formosa 2 spp. n., *Zelmira* and *Milesia*.

Summers, 2471; Malay States *Stomoxys* sp. n.—**Summers, 2472**; Siam *Simulium* sp. n.

Aphaniptera.

Jordan & Rothschild, 1189; China 13 spp. n., gen. n.

Rothschild, 2088; India and Burma 2 spp. n., gen. n.—**Rothschild, 2089**; India and China.

Hemiptera.

Distant, 581; China and Korea *Pentatomidae* genn. n., spp. n.—**Distant, 583**; China *Rihana* sp. n.—**Distant, 586**; India and Ceylon *Fulgoridae* 24 spp. n., genn. n.—**Distant, 590**; India 16 spp. n., genn. n.

Green, 933; Ceylon spp. n.

Horváth, 1107; Formosa 2 spp. n., *Sirthenea* and *Saldoida*.

Horváth, 1107; Formosa *Cantheconidea* sp. n., China *Pinthaeus* sp. n.

Kuwana, 1339; Japan *Aleyrodidae* spp. n.

Lindinger, 1429; *Coccidae* spp. n., India.

Marlatt, 1514; Japan *Aspidiotus* sp. n.

Montandon, 1626; Tonkin *Gestroiella* sp. n.—**Montandon, 1627**; Ceylon *Cercotmetus* sp. n.

Poppius, 1918; Miriden von Ceylon.—**Poppius, 1920**; *Eurystylus* India spp. n.

Sasaki, 2153; Japan *Astegopteryx* sp. n.

Schmidt, 2188; 2 spp. n., Bangkok *Dichoptera*, Sikkim *Kolla*.—**Schmidt, 2189**; Burma *Fulgoridae* spp. n.

Thysanoptera.

Okamoto, 1765; *Euthrips* sp. n. Japan.

Isoptera.

Holmgren, 1094; Tonkin gen. n.

Paraneuroptera.

Bartenev, 108; Ordos *Ischnura* n. sp., Hakodate *Agrion* sp. n.

Orthoptera.

Borelli, 224; India *Forficulidae* 2 spp. n., *Homoeolabis* and *Euborellia*.

Burr, 313; Annam *Platylabia* sp. n.—**Burr, 322**; Siam *Diplatys* sp. n.—**Burr, 325**; Ceylon *Platylabia* sp. n.

Griffini, 942; Tonkin *Gryllacris* sp. n.—**Griffini, 947**; Tonkin *Anabropsis* sp. n.

Kirby, 1260; Malay penins. *Temnophyllus* sp. n.

Shelford, 2281; India *Stylopyga* sp. n.

Shiraki, 2290; Japan and Formosa *Phasmidae* and *Mantidae* spp. n.

Aptera.

Ritter, 2052; Ceylon und Bombay, many spp. n.

Silvestri, 2302; *Machilidae* spp. n. —**Silvestri, 2303**; Ceylon *Lepidospora* sp. n.—**Silvestri, 2312**; Ceylon *Assmuthia* sp. n.

Asiatic Archipelago.

Java to New Guinea, incl. Philippines.

Insecta, collectively.

Silvestri, 2299; Java *Atelura* sp. n., *Staphylinidae* gen. n.

Coleoptera.

Achard, 3; Sumatra *Chelidonium* sp. n.

Arrow, 46; Borneo and New Guinea *Dynastinae* 4 spp. n., gen. n.

Aulmann, 54; N. Guinea and N. Pommern, *Pimelopus* spp. n.

Aurivillius, 58; *Cerambycidae* Borneo 10 genn. n., 31 spp. n., Neu Guinea 7 spp. n., Java 1 sp. n., Philippinen 1 sp. n., Sumbava 1 sp. n.

Bernhauer, 157; Staphyliniden spp. n.

Boileau, 200; Sumatra *Gnaphaloryx* sp. n.

Bolkay, 208; Neu-Guinea gen. n. *Brenthidae.*

Borchmann, 218; Sumatra *Nemostira* spp. n.

Csiki, 529; *Aulacocheilus* 2 spp. n.

Dupuis, 631; Sumbawa *Apotomus* sp. n.

Gestro, 848; *Hispidae* di Borneo.

Grouvelle, 963; *Antherophagus* n. sp. Java.—**Grouvelle, 964**; *Trachypholis* et *Microvonus* spp. n.

Heller, 1037; Java *Alcides* sp. n.—**Heller, 1036**; *Morokia* sp. n. Neuguinea.

Heyden, 1065; Aru- und Kei-Inseln, spp. n., *Discodon, Anthicomorphus, Mordellistena, Baris.*

Jordan, 1184; *Anthribidae* 21 spp. n.

Kerremans, 1223; *Cyphogastra* spp. n.

Lesne, 1404; Borneo *Heterarthron* sp. n.

Möllenkamp, 1621; Borneo and N. Guinea, *Aegus* 2 spp. n.

Moser, 1653; *Serica* von Borneo.—**Moser, 1654**; Borneo *Cetoniidae* spp. n. —**Moser, 1655**; Philippines 2 spp. n., *Holotrichia* and *Protaetia.*

Moulton, 1659; Borneo *Buprestidae* list.

Ohaus, 1760; Ruteliden spp. n.

Olivier, 1770; Nouvelle-Guinée *Luciola* 2 spp. n.—**Olivier, 1772**; N. Guinea *Atyphella* 3 spp. n.—**Olivier, 1777**; *Lampyridae* spp. n.

Pic, 1854; *Zonitis* de la Nouvelle-Guinée et régions avoisinantes.—**Pic, 1862**; *Idgia* de Java et de Sumatra.—**Pic, 1864**; Sumatra *Tomoderus* sp. n. —**Pic, 1869**; Lombok *Cantharis* sp. n.

Prell, 1942; Borneo *Clyster* sp. n.

Ritsema, 2048; *Sumatra* 2 spp. n., *Coelosterna* and *Apriona.*

Roepke, 2057; Java *Apoderus* sp. n.

Schmidt, 2182; Java *Rhyparus* sp. n.

Schubert, 2226; *Staphylinidae* spp. n.

Strohmeyer, 2465; Philippinen, *Scolytidae* spp. n.

Théry, 2520; *Buprestidae* spp. n.—**Théry, 2522**; Moluccas *Iridotaenia* sp. n.

Weise, 2712; Philippines *Hispinae* 3 spp. n.—**Weise, 2713**; *Hispidae* 4 spp. n.

Hymenoptera.

Cameron, 350; Borneo *Evaniidae* 5 spp. n.—**Cameron, 351**; Borneo *Ichneumonidae* 3 spp. n.—**Cameron, 356**; Chalcididae, Borneo, spp. n.,

genn. n.—**Cameron, 359**; Hymenoptera (except Anthophila and Formicidae) New Guinea many spp. n.

Crawford, 515; Sumatra *Chalcididae* and *Proctotrypidae* spp. n.

Emery, 674; Java and Amboina *Pseudolasius* 3 spp. n.—**Emery, 678 & 679**; Formicidae Neu-Guinea spp. n.

Enslin, 695; Java *Tenthredinidae* gen. n.

Forel, 763; *Formicidae* spp. n.—**Forel, 763 ?**; Ameisen, Java.—**Forel, 764**; Borneo, *Formicidae* spp. n.—**Forel, 758**; Fourmis nouvelles.

Friese, 783; *Megachile* spp. n.—**Friese, 784**; Neuguinea spp. n. *Anthophora* and *Megachile*.—**Friese, 793**; *Apidae* Neu Guinea spp. n.—**Friese, du Buysson & Strand, 794**; Aru- und Kei-Inseln, *Aculeata* spp. n.

Kieffer, 1242; Java *Parevania* sp. n.

Mocsáry, 1617; *Chrysididae* spp. n.

Stitz, 2383; Neu-Guinea *Formicidae* spp. n.

Strand, 2441; Papuanischer Schlupfwespen.

Turner, 2580; Palau islds. *Scolia* sp. n.

Viereck, 2635; Philippines *Orgilus* sp. n.—**Viereck, 2636**; Sumatra *Megarhogas* sp. n.

Lepidoptera.

Bastelberger, 115; Sumatra, *Lobochlora* sp. n.—**Bastelberger, 116**; Borneo *Arycanda* sp. n.—**Bastelberger, 118**; *Craspedosis* 2 spp. n.

Bethune-Baker, 170; New Guinea 6 spp. n., *Nacaduba, Heterusia, Gyrtona, Hypena, Abraxas, Daulia.*

Chapman, 399; Borneo *Lycaenopsis* 2 spp. n.

Druce, 620; Borneo *Carea* 2 spp. n.

Fletcher, 748; Aru *Oxyptilus* sp. n.

Fruhstorfer, 803; Neue Hesperiden Indo-Malayischen.—**Fruhstorfer, 804**; N. Guinea *Huphina* sp. n.—**Fruhstorfer, 806**; *Satyridae* spp. n.

Grünberg, 979; *Apsarasa* 3 spp. n.

Hampson, 1000; 15 spp. n.

Kenrick, 1222; New Guinea 5 spp. n., *Ornithoptera, Delias* and *Libythea.*

Lück & Gehlen, 1462; N. Guinea *Delias* sp. n.

Moulton, 1661; Borneo *Lycaenidae* spp. n.

Prout, 1949; New Guinea *Sarcinodes* sp. n.—**Prout, 1950**; New Guinea *Geometrinae* 5 spp. n.—**Prout, 1951**; New Guinea 3 spp. n. *Thalassodes* and *Anisozyga.*

Rothschild, 2092; New Guinea 2 spp. n., *Deudoryx* and *Panacra.*—**Rothschild, 2094**; Buru and N. Guinea *Euchromia* 2 spp. n.—**Rothschild, 2095**; New Guinea 2 spp. n., *Melittia* and *Ichneumenoptera.*—**Rothschild, 2096**; New Guinea *Amata* 2 spp. n.

Strand, 2401; Deutsch-Neuguinea n. spp. etc. von *Tellervo, Taenaris, Cupido, Ogyris, Bordeta, Ophthalmis.*—**Strand, 2420**; Minahassa *Milionia* sp. n.

Warren, 2694; New Guinea and Borneo, *Noctuidae* 6 spp. n.

Neuroptera.

Navás, 1691; Sumatra *Hybris* sp. n.

Diptera.

Banks, 92; *Ascodipteron* sp. n.

Becker, 123; *Chloropidae*, Monographie, gen. et spp. n.

Brunetti, 294; *Tipulidae* spp. n.

Enderlein, 687; *Trypetidae* 13 spp. n., genn. n.

Hendel, 1043; *Sepedon* spp. n.

Ludlow, 1461; Philippine *Culicidae* spp. n.

Meyere, 1578; *Tipulidae* spp. n.—**Meyere, 1579**; Südostasiatische, grösstenteils javanische.

Ricardo, 2031; *Tabanus* spp. n.

Theobald, 2516; Culicidae 4 spp. n.

Villeneuve, 2640; *Ceromasia* sp. n. Neu-Guinea.

Hemiptera.

Distant, 581; Philippines *Sastragala* sp. n., New Guinea *Utana* sp. n.

Distant, 583; Sumatra *Cryptotympana* sp. n.—**Distant, 585**; Aru islds. 2 spp. n., *Mictis* and *Sawda.*

Horváth, 1107; *Platynopus* spp. n.

Lallemand, 1347; New Guinea *Cosmoscarta* 2 spp. n.

Lindinger, 1429; *Coccidae* 3 spp. n.

Montandon, 1625; Nouvelle-Guinée gen. n. *Hydrocoris*.—**Montandon, 1626**; *Cercotmetus* 2 spp. n.—**Montandon, 1627**; N. Guinea *Cerotmetus* sp. n.

Moulton, 1660; Sarawak, *Cicadidae* 2 spp. n.

Muir, 1672; *Perkinsiella* spp. n.

Poppius, 1916; *Mecistoscelis* sp. n. Neu-Guinea.—**Poppius, 1920**; *Eurystylus* spp. n.

Schmidt, 2186; Sumatra and Borneo *Coreidae* 2 genn. n.—**Schmidt, 2187**; Neue von Borneo.—**Schmidt, 2188**; 6 spp. n.—**Schmidt, 2189**; N. Guinea *Myrilla* sp. n.—**Schmidt, 2190**; *Otaris* spp. n.

Thysanoptera.

Karny, 1206; Revision *Heliothrips* N. Guinea 2 spp. n.

Embioptera.

Krauss, 1303; Sumatra sp. n.

Isoptera.

Holmgren, 1092; Neu-Guinea spp. n.

Odonata or *Paraneuroptera.*

Laidlaw, 1346; Borneo *Orchithemis* sp. n.

Ris, 2043; Borneo 3 spp. n.—**Ris, 2047**; *Neurothemis* 2 spp. n.

Orthoptera.

Bolívar, 206; Obi *Mecopodinae* 2 spp. n.

Burr, 320; Dermapteren, Aru- und Kei-Inseln.—**Burr, 321**; *Dermaptera* Java.—**Burr, 322**; *Diplatys* 3 spp. n. —**Burr, 325**; *Forficulidae* 4 spp. n.

Griffini, 937; Nova Guinea *Stenopelmatidi* spp. n.—**Griffini, 946**; Nuova Guinea *Gryllacris* sp. n., gen. n.—**Griffini, 950**; Borneo *Gryllacris* sp. n. —**Griffini, 952**; *Gryllacris* Nuova Guinea.

Karny, 1207; *Agraecia, Habetia, Rhydaspis, Salomona* und *Xiphidion* spp. n. Neu Guinea.

Kuthy, 1336; Nova Guinea 2 spp. n., *Eupromachus* and *Biroella*.

Shelford, 2281; Java and Manila 2 spp. n., *Stylopyga* and *Blatta*.—**Shelford, 2283**; Aru and Kei Islands, *Eroblatta* sp. n.

Werner, 2720; Aru- und Kei-Inseln, *Hierodula* spp. n.

Zacher, 2783; *Forficulidae* spp. n.

Aptera.

Silvestri, 2302; *Machilidae* spp. n.

Australia and Tasmania.

Coleoptera.

Aurivillius, 58; N. Südwales Cerambycidae sp. n.

Blackburn, 190; *Heteronyx* spp. n. —**Blackburn, 190**; *Melolonthidae* and *Elateridae*, spp. n.

Carter, 371; *Nyctozoilides* revision, spp. n., gen. n.—**Carter, 372**; *Tenebrionidae* spp. n.—**Carter, 373**; *Tenebrionidae* 3 spp. n.

Dupuis, 632; *Catadromus* sp. n.

Gillet, 861; Melville Isld. *Coptodactyla* sp. n.

Grouvelle, 966; *Colydiidae* sp. n. *Cucujidae* 7 spp. n. *Erotylidae* sp. n.

Goudie, 906; North-west Victoria *Staphylinidae*.

Lea, 1359; *Curculionidae* spp. n.—**Lea, 1360**; *Curculionidae* spp. n.—**Lea, 1361**; *Curculionidae* many spp. —**Lea, 1362**; Australia and Tasmania *Staphylinidae* spp. n., *Cucujidae, Lucanidae, Cleridae, Scolytidae*, spp. n.—**Lea, 1365**; Australia and Tasmania *Pselaphidae* spp. n.—**Lea, 1366**; Tasmania *Lissotes* spp. n.—**Lea, 1363a**; symbiotic *Col.* many spp. n.

Prell, 1943; Dynastinen *Liteupatorus* gen. n.

Sloane, 2336; *Carabidae* Dorrigo.

Théry, 2520; *Buprestidae* spp. n.

Hymenoptera.

Cameron, 354; Hym. parasit. spp. n.

Cockerell, 439; *Euryglossa* 2 spp. n. —**Cockerell, 451**; *Heterapis* gen. n.— **Cockerell, 456**; *Apidae* spp. n.

Crawford, 515; *Proctotrypidae* and *Chalcididae*, spp. n.

Forel, 757; *Meranoplus* sp. n.— **Forel, 762**; *Turneria* sp. n.

Friese, 784; 2 spp. n. *Anthophora* and *Megachile*.

Girault, 868; *Anagrus* sp. n.— **Girault, 881**; *Ufens* sp. n.—**Girault, 891**; *Stethynium* sp. n.

Kieffer, 1234; Proctotrypidae 4 spp. n.—**Kieffer, 1242**; *Evania* sp. n. —**Kieffer, 1255**; Serphidae und Evaniidae.

Meade-Waldo, 1545; *Masaridae* 3 spp. n., gen. n.

Mocsáry, 1617; *Chrysis* sp. n.

Rohwer, 2070; *Zoyphium* sp. n.

Stitz, 2383; *Formicidae* spp. n.

Strand, 2396; *Podagrion* sp. n.— **Strand, 2441**; *Gasteruption* spp. n.

Turner, 2582; *Thynnidae* 7 spp. n.

Lepidoptera.

Hampson, 1000; *Ariathisa* sp. n.

Lower, 1440; *Hesperiidae* revision.

Meyrick, 1593; Revision of *Tortricina*.

Prout, 1949; W. Australia *Hypographa* sp. n.

Turner, 2572; many spp. n.

Warren, 2694; Queensland *Data* sp. n.

Neuroptera.

Navás, 1688; *Stilbopteryx* sp. n.

Diptera.

Becker, 123; *Chloropidae*, Monographie, gen. et spp. n.

Froggatt, 799; *Trypetidae* spp. n.

Lea, 1364; N.S.W. *Phoridae* gen. n.

Strickland, 2457; Australia and Tasmania *Culicidae* spp. n.

Hemiptera.

Distant, 581; *Pentatomidae* genn. n., spp. n.—**Distant, 582**; *Coreidae* and *Berytidae* 11 spp. n., genn. n.—**Distant, 583**; *Urabunana* sp. n.

Froggatt, 797; Salt-bush pest *Aleurodes*. — **Froggatt, 800**; *Tachardia* sp. n.

Poppius, 1919; Miriden spp. n.— **Poppius, 1920**; *Eurystylus* sp. n.

Thysanoptera.

Karny, 1204; *Thrips*-Gallen und Gallen-Thripse.

Odonata or *Paraneuroptera.*

Tillyard, 2530; *Corduliinae* spp. n.— **Tillyard, 2531**; *Cordulephya* sp. n.

Orthoptera.

Karny, 1207; *Dicranocerus*, *Xiphidion* und *Xiphidiopsis* spp. n.

Giglio-Tos, 858; Cape York *Sphodropoda* sp. n.

Shelford, 2281; *Blattidae* 7 spp. n.

Werner, 2720; *Hierodula* sp. n.

Aptera.

Silvestri, 2304; *Heterojapyx* sp. n.

North America.

Insecta, collectively.

Webster, 2706; Diffusion in North America.

Banks, 90; Neuroptera s.l. many spp. n.

Blatchley, 192; Indiana *Orthoptera* and *Coleoptera*.

Britton, 265; Guide to the insects of Connecticut.—**Britton, J. Econ. Ent. 4** pp. 544–545; Adirondacks.

†**Cockerell, 455**; Florissant, Paussidae, *Hymenoptera* and *Diptera*, spp. n.

Cockerell, Canad. Ent. **43** p. 208; Colorado short list.

Coolidge, Ent. News **22** pp. 339–342; Collecting in southern Arizona.

Cook, 481; Galls of Michigan.

Dury, 636; Ohio.

Felt, 727; Report of the State entomologist on injurious and other insects of the state of New York.

†**Handlirsch, 1003**; New Paleozoic insects Mazon Creek, Illinois.—†**Handlirsch, 1005**; Tertiary Canada.

Heath, p. 327 Canad. Ent. **43**; Manitoba brief note.

Hewitt, 1062; Canada, plan for catalogue.

Shull, 2292; Saginaw bay, Michigan, *Thysanoptera* and *Orthoptera.*

Stebbins, 2370; Galls of Springfield.

Coleoptera.

Andrews, 37; Charity islands, Lake Huron.

Bowditch, 245; *Calligrapha* sp. n.

Casey, 374; *Aleocharinae* and *Myllaeninae* many spp. n.

Champion, Ent. News **22** p. 178; *Listronotus bagoiformis* Utah.

Champlain, Psyche **18** p. 35; *Caraidae,* Connecticut.—**Champlain,** *t.c.* pp. 170–173; Connecticut.

Davis, J. New York Ent. Soc. **19** p. 199; *Cicindela purpurea limbalis* New York.

Dury, 637; Cincinnatti new species and additions.—**Dury, 638**; North Carolina, 3 spp. n.

Fall, 716; *Pleocoma* sp. n.

Grinnell, Ent. News **22** p. 227; *Platypsylla castoris* California.

Heikertinger, 1030; Halticinenerten Europa und Nordamerika gemeinsam.

Hopkins, 1100; Monograph *Pissodes* spp. n.

Joutel, J. New York Ent. Soc. **19** p. 200; *Phymatodes longi* New Jersey.

Knab, Ent. News **22** p. 306; *Chrysomela staphylea.*

Kraus, 1302; *Lyctus* sp. n.

Leng, 1384; *Brachyacantha* spp. n. —**Leng, 1386**; *Dineutes* sp. n. Georgia. —**Leng, 1387**; *Luperodes* sp. n.—**Leng, 1388**; Georgia *Serica* sp. n.—**Leng, 1389**; *Diplotaxis* Staten Island.

Lewis, 1420; Arizona *Spilodiscus* sp. n.

Lutz, J. New York Ent. Soc. **19** p. 200; *Anthrenus fasciatus* Georgia.

McPherson, Trans. Kansas Acad. Sci. **23–24** p. 108; Kansas additions.

Mann, 1499; *Hetaerius* sp. n.—**Mann, 1500**; spp. n.

Mitchell & Pierce, 1607; Weevils Victoria county, *Artipus* sp. n.

Morris, 1644; Ontario.

Nunenmacher, 1740; *Coccinellidae* spp. n.

Schaeffer, 2160; spp. n.—**Schaeffer,** Canad. Ent. **43** p. 254; New York *Sphaeridium bipustulatum.*

Swaine, 2487; *Scolytidae* 4 spp. n.

Titus, 2533; *Hypera, Phytonomus* sp. n.

Wellman, 2717; *Hornia* sp. n. Kansas.

Wenzel & Wenzel, 2719; Ontario list.

†**Wickham, 2746**; Florissant new species.—**Wickham, 2747**; Iowa list.

Wolcott, 2768; New *Cleridae.*

Strepsiptera.

Pierce, 1894; spp. n.

Hymenoptera.

Banks, 89; *Psammocharidae* spp. n.

Beutenmüller, 173; *Andricus* 2 spp. n.—**Beutenmüller, 174**; n. sp. *Cynipidae.*—**Beutenmüller, 175**; *Dryocosmus* sp. n.—**Beutenmüller, 176**; *Dryophanta* sp. nov.

Brues, 287; *Ophioninae* spp. n.

Cameron, 357; *Macrojoppa* California.

†**Cockerell, 435**; Colorado gen. n. *Apidae.*—**Cockerell, 440**; *Triepeolus* sp. n.—**Cockerell, 441**; **7** spp. n., *Osmia, Chelynia* and *Stelis.*—**Cockerell, 442**; Canada *Apidae* list, *Tetralonia* sp. n.—**Cockerell, 443**; Texas and Arizona *Apidae* 3 spp. n.—**Cockerell, 445**; *Apidae* localities.—**Cockerell, 446**; *Osmia* sp. n.—**Cockerell, 447**; *Synto-*

maspis sp. n.—**Cockerell, 449**; *Mimatomus* gen. n. Colorado.—**Cockerell, 456a**; *Apidae* 3 spp. n.—**Cockerell, 459**; *Apidae* spp. n.—**Cockerell, 459a**; *Stelis* sp. n.—**Cockerell, 460**; *Nomada* spp. n.—**Cockerell**, Pysche Boston 18 1911 pp. 134–143; *Perdita* spp.

Crawford, 511; *Cheiloneurus* sp. n.—**Crawford, 512**; *Chalcididae* 2 spp. n., gen. n.—**Crawford, 513**; *Chalcididae* spp. n., gen. n.—**Crawford, 514**; *Chalcididae* spp. n.—**Crawford, 515**; 2 spp. n., *Halictus* and *Chalcis*.—**Crawford & Bradley, 516**; *Proctotrypidae* gen. n.

Crosby, 525; *Derostenus* sp. n.

Fullaway, 331; spp. n. *Cynipidae*.

Franklin, 778; *Bombus* and *Psithyrus* spp. n.

Gahan, 819; *Aphidiinae* spp. n.

Girault, 869; Illinois *Encyrtinae* 3 spp. n.—**Girault, 873**; *Arthrolytus* sp. n.—**Girault, 875**; *Anagrus* sp. n.—**Girault, 877**; *Dicopus* sp. n. Quebec.—**Girault, 880**; Chicago *Aphelinus* sp. n.—**Girault, 881**; *Abbella* sp. n.—**Girault, 883**; *Polynema* spp. n.—**Girault, 884**; *Mymar* sp. n.—**Girault, 885**; *Chalcidoidea* spp. n.—**Girault, 886**; *Trichogrammatidae*, genn. et spp. n.—**Girault, 887**; *Trichogrammatidae* spp. n.—**Girault, 888**; *Mymaridae* spp. n.—**Girault, 892**; *Chalcididae* gen. n.—**Girault**, Ent. News 22 p. 411; *Ufens niger*, Texas.

Graenicher, 918; Bees north-western Wisconsin, spp. n.

Hewitt, 1063; *Coelopisthia* sp. n.

Howard, 1119; *Coccophagus* sp. n.

Lovell, 1439; *Sphecodes* and *Prosopis*, spp. n.

Macgillivray, 1489; *Empria* 39 spp. n.

Metz, 1570; *Prosopis* spp. n.

Mocsáry, 1617; *Spintharis* 2 spp. n

Rohwer, 2065; *Caliroa* sp. n. Louisiana.—**Rohwer, 2068**; *Tenthredinoidea* n. spp.—**Rohwer, 2069**; *Hoplocampa*, revision, spp. n.—**Rohwer, 2070**; *Fossoria* spp. n.—**Rohwer, 2071**; *Chalastogastra* spp. n.

Santschi, 2146; Formicides 2 spp. n.

Viereck, 2633; *Ichneumonidae* spp. n.—**Viereck, 2634**; *Ichneumonidae*, *Braconidae*, spp. n.—**Viereck, 2636**; *Ichneumonidae* gen. n.—**Viereck**, Washington Proc. Ent. Soc. 13 pp. 93–99 & 148; Hymenoptera in Smith's Insects of New Jersey, third edition.

Wheeler, 2733; *Camponotus* sp. n.—**Wheeler, 2736**; Texas, *Atta* spp. n.—**Wheeler, 2738**; Arizona *Trachymyrmex* spp. n.

Lepidoptera.

Anon., Canad. Ent. 43 p. 340; Toronto 3 spp.

Barnes & McDunnough, 100; *Noctuidae* 2 spp. n.—**Barnes & McDunnough, 101**; Revision of *Cossidae*.—**Barnes & McDunnough, 104**; 3 spp. n. Additional new species of North American.—**Barnes & McDunnough, 105**; numerous spp. n., genn. n.—**Barnes & McDunnough, 106**; British Columbia *Olene* sp. n.—**Barnes & McDunnough**, Psyche 18 p. 34; Additions *Sphingidae*.

Bird, 187; 3 spp. n., *Papaipema* and *Hydroecia*.

Busck, 327; Boston *Gnorimoschema* sp. n.

Chagnon, 387; St. Fabien, Que., short list.

Coolidge & Clemence, 486; *Achalarus* sp. n. Arizona.

Davis, 555; Georgia, notes.—**Davis, 559**; Staten island list Macrolepidoptera.—**Davis, J.** New York Ent. Soc. 19 p. 198; *Vanessa milberti* New York.

Dod, 604; Alberta, *Noctuidae* geographical and critical notes.

Doll, 608; New Mexico, *Datana* sp. n.

Dyar, 641; *Olene* 2 spp. n.—**Dyar, 642**; *Myelois* sp. n.—**Dyar, 643**; *Basilodes* sp. n.—**Dyar, 644**; *Eustrotia* spp. n.—**Dyar, 645**; *Dioryctria* sp. n.—**Dyar, 646**; *Coloradia* sp. n.—**Dyar**, Washington Proc. Ent. Soc. 13 p. 15; Texas, *Halisidota annulosa*.—**Dyar**, T.c. p. 20; *Prodenia latifascia* and *Peosina pandrosa*.

Fernald, Science 34 p. 488; *Alabama argillacea* Massachusetts.

Fountaine, 774; Alleghanies *Rhopalocera*.

Fyles, 817; *Gnorimoschema* sp. n.

Gibson, 856; Ottawa *Geometridae* list.

Grossbeck, 957; Manitoba *Selidosema* sp. n.

Hampson, 1000; Canada *Leucania* sp. n.

Heath, 1017; Manitoba annotated list.

Henninger, 1049; Seneca county.

Jones, 1176; *Eurycitarus* sp. n.

Pearsall, 1810; Arizona *Geometridae* 2 spp. n.—**Pearsall, 1811**; *Geometridae* 3 spp. n.—**Pearsall, 1812**; *Pero* sp. n. Utah.

Rowley, 2113; Lepidoptera of 1910.

Schaus, 2165; *Papilio* sp. n.

Schroers, Ent. News 22 pp. 322–324; St. Louis 1910.

Skinner, 2330; Canada and Wyoming, *Argynnis* and *Parnassius*, spp. n.—**Skinner, 2331**; *Hesperiidae*, new species or sub-species.—**Skinner,** Ent. News 22 p. 111; Florida and Texas *Timetes*.

Smith, 2340; *Acronycta* spp. n.—**Smith, 2341**; *Noctuidae* spp. n.—**Smith, 2342**; California *Pantheinae*, *Raphia* and *Acronycta*.

Stamm, Ent. News 22 pp. 422–423; Butterflies of Montour county.

Swett, 2491; Quebec *Eupithecia* sp. n.

Neuroptera.

Banks, Washington Proc. Ent. Soc. 13 p. 71; *Paranthaclisis hageni*.

Diptera.

Ainslie, Washington Proc. Ent. Soc. 13 pp. 118–120; *Chrysomyza demandata*.

Aldrich, 12; *Diostracus* sp. n.—**Aldrich, 13**; *Hydrophorus* spp. n.

Alexander, 15; New York *Tipulidae* 2 spp. n.—**Alexander, 16**; *Limnobia parietina*, New York.—**Alexander, 17**; *Tipulidae* gen. n.—**Alexander, 18**; *Tipulidae* spp. n.

Banks, 88; *Asilidae* 4 spp. n.—**Banks, 93**; *Aphiochaeta* sp. n.

Bishop, 189; *Dasyneura* sp. n. New York.

Caccini, 339; *Culicidae* delle paludi salate della costa N.-E. dell' Atlantico.

Cresson, 517; *Pipunculidae* spp. n.

Doane, 601; *Tipula* spp. n.

Felt, 732; *Endaphis* sp. n.—**Felt, 735**; *Rhopalomyia* sp. n. Ohio.—**Felt, 737**; *Cecidomyiidae* spp. n.—**Felt, 738**; Itonidae, spp. n.

Fulton, 816; *Stratiomyidae* Cedar Point.

Graenicher, 917; *Bombyliidae*, *Syrphidae* and *Conopidae*.

Hendel, 1047; Acalyptr. spp. n.

Hine, 1070; *Promachus* and *Proctacanthus*, spp. n.—**Hine, 1071**; *Nothomyia* sp. n.—**Hine, 1072**; *Erax* spp. n.

Kieffer, 1243; Chironomide genre nouv.

Ludlow, 1460; Alaska *Culex* sp. n.

Thompson, 2526; *Tachinidae* 2 spp. n.

Tucker, 2563; *Dolichopus* sp. n.

Van Duzee, 2602; Ontario annotated list.

Walton, 2689; *Syrphidae* 2 spp. n.—**Walton,** Ent. News 22 p. 182; Corrections New Jersey list.

Aphaniptera.

McCoy, 1483; *Ctenophthalmus* sp. n.

Hemiptera.

Ball, 85; *Jassidae* 9 spp. n.

Barber, 95; Arizona *Dendrocoris* spp. n.—**Barber, 96**; spp. n.—**Barber, 97**; *Coccidae* of Louisiana.—**Barber,** J. N. York Ent. Soc. **19** p. 111; *Pyrrhocoris apterus* New Jersey.—**Barber,** T.c. p. 198; Two Hemiptera new to New Jersey.

Bueno, 300; *Gerrinae* Atlantic states.

Cockerell, 448; *Pseudococcus* sp. n.

Crawford, 508, 509 & 510; American *Psyllidae*.

Crumb, 528; The Jassoidea of Kansas.

Davidson, 550; California, *Aphidae* 2 spp. n.—**Davidson,** J. Pomona College Ent. 3 pp. 398–399; *Aphididae* Placer county.

Davis, 553; *Aphididae* of Illinois List.

Davis, J. New York Ent. Soc. **19** pp. 112–113; Long Island, N.Y.

Distant, 583; Texas *Pacarina signifera.*

Ehrhorn, 666; 6 spp. n.

Essig, 707; *Aphididae* spp. n., southern California.

Gillette, 865; n. gen. and n. spp. *Aphididae.*—**Gillette, 866**; *Aphis* n. sp.

Heidemann, 1022; *Leptostyla* sp. n.

Kirkaldy, 1267; *Gerris* sp. n.

Osborn, 1783; *Scaphoideus* n. sp.—**Osborn, 1784**; Texas *Tinobregmus* sp. n.

Patch, 1799; *Psyllidae* spp. n.

Wilson, 2763; *Aphidae* genn. n., spp. n.

Thysanoptera.

Moulton, 1658; Synopsis, catalogue, new species.

Mallophaga (or *Lipoptera*).

Kellogg & Paine, 1220; from Californian birds.

Ephemeroptera.

Morgan, 1632; New York spp. n.

Odonata (or *Paraneuroptera*).

Muttkowski. 1676; *Gomphus* sp. n.—**Muttkowski, 1677**; *Ischnura* sp. n.—**Muttkowski, 1678**; Wisconsin new records, *Enallagma* sp. n.—**Muttkowski, 1679**; *Tetragoneuria* spp. n.

O'Brien, 1757; Douglas lake, Michigan.

Pollard, 1908; *Gomphoides ambigua* North Carolina.

Williamson, 2760; *Celithemis* sp. n.

Orthoptera.

Caudell, 378; Texas *Stipator* sp. n.—**Caudell, 379**; Forida *Mantoida mays.* —**Caudell, 383**; *Stipator* sp. n.

Davis, 557 & 558; Additions Staten island.

Rehn & Hebard, 1992; Georgia and Florida *Chortophaga* sp. n.—**Rehn & Hebard, 1993**; North Carolina.—**Rehn & Hebard,** Ent. News **22** pp. 5–10; Aweme, Manitoba.

Schimmer, 2178; neue *Myrmecophila*-Art.

†**Sellards, 2256**; Permian Texas *Blattidae* 2 spp. n.

Sherman & Brimley, Ent. News **22** pp. 387–392; Orthoptera of North Carolina.

Woodward, 2774; Douglas lake, Michigan.

Aptera.

Silvestri, 2301; *Japygidae* 11 spp. n.—**Silvestri, 2310**; *Machilidae* spp. n.

Central America.

Insecta, collectively.

Silvestri, 2305; Mexico, new myrmecophilous.

Coleoptera.

Arrow, 43; Mexico *Golofa* sp. n.—**Arrow, 44**; 6 spp. n. *Ochodaeus* and *Dicraeodon.*—**Arrow, 46**; *Dynastinae* 4 spp. n.

Bowditch, 243; *Diabrotica* 3 spp. n.—**Bowditch, 244**; Costa Rica *Diabrotica* 3 spp. n.—**Bowditch, 245**; *Calligrapha* etc., spp. n.

Casey, 375; Mexico *Aleocharinae* 3 spp. n.

Champion, 390; *Curculionidae* 5 spp. n.

Dugés, 627; Mexico, ? spp. n.

Grouvelle, 961; Cryptophagides Mexique 2 spp. n.

Lameere, 1351; Guatemala *Derobrachus* sp. n.

Leng, 1384; *Brachyacantha* spp. n.

Lesne, 1404; Mexico *Heterarthron* spp. n.

Lewis, 1420; Guatemala *Coptotrophis* sp. n.

Schmidt, 2183; *Aphodiini* 2 spp. n.—**Schmidt, 2184**; Mexico *Ataenius* sp. n.

Sharp, 2272, and **Champion, 391;** many spp. n., genn. n.

Théry, 2520; *Buprestidae* spp. n.

Tower, 2545; *Leptinotarsa* sp. n. Mexico.

Weise, 2712; *Microhopala* sp. n.

Wolcott, 2768; New *Cleridae.*

Hymenoptera.

Beutenmüller, 175; *Cynipidae* 2 spp. n.—**Beutenmüller, 178;** *Holcaspis* spp. n. Mexico.

Crawford, 513; *Nomia* spp. n.

Forel, 761; Mexico *Prenolepis* sp. n.

Franklin, 778; Mexico *Bombus* sp. n.

Girault, 868; Panama gen. n. *Chalcididae.*—**Girault, 878;** *Polynema* sp. n. Mexico.

Kieffers, 1234; *Proctotrypidae* 15 spp. n.—**Kieffer, 1235;** Mexiko *Disholcaspis* sp. n.—**Kieffer, 1246;** Mexico *Stephanidae* gen. n.

Mocsáry, 1617; *Chrysididae* spp. n.

Rohwer, 2068; Mexico *Tenthredinidae* spp. n.—**Rohwer, 2070;** *Fossoria* spp. n.—**Rohwer, 2071;** *Tenthredinidae* spp. n.

Strand, 2414; *Megastigmus* sp. n. Mexiko.

Wheeler, 2740; *Formicidae* 3 spp. n.

Lepidoptera.

Barnes & McDunnough, 101; Lasiocampidae 2 spp. n. Mexico.

Bastelberger, 118; 2 spp. n., *Racheospila* and *Ratiaria.*

Dognin, 607; *Heterocera* spp. n.

Druce, 620; Costa Rica *Virbia* sp. n.

Dyar, 639; *Diatraea* spp. n.—**Dyar, 640;** *Hemileuca* spp. n. Mexico.

Jordan, 1185; Mexico *Rhescyntis* sp. n.

Rothschild, 2094; *Syntomidae* spp. n.

Schaus, 2162; Costa Rica, many spp. n., genn. n.—**Schaus 2163;** Costa Rica, nearly 200 spp. n.—**Schaus, 2165;** *Papilio* sp. n. Mexico.—**Schaus, 2166;** Costa Rica *Cassandria* sp. n.

Stichel, 2378; *Calephelis* sp. n.

Strand, 2392; Chiriqui *Trichostibas* sp. n.—**Strand, 2405;** Mexico *Anaxita* sp. n.

Walsingham, 2686; *Tineidae* many spp. n., genn. n.

Trichoptera.

Ulmer, 2590; Costa Rica gen. n.

Neuroptera.

Navás, 1686; incl. Lower California, *Chrysopides* 7 spp. n.

Diptera.

Enderlein, 680; Costa Rica, *Oscinosomini* spp. n.—**Enderlein, 687;** Costa Rica *Baryplegma* sp. n.

Felt, 737; *Bruggmanniella* sp. n.

Hendel, 1044; *Richardiinae* spp. n.

Hine, 1070; Mexico *Proctacanthus* sp. n.

Kröber, 1314; *Therevidae* spp. n.

Hemiptera.

Crawford, 508; *Psyllidae, Triozinae,* spp. n.—**Crawford, 509;** *Psyllidae* spp. n.

Distant, 580; Guatemala *Banasa* sp. n.—**Distant, 591;** *Rihana* sp. n.—**Distant, 592;** *Rihana* sp. n. Mexico.

Horváth, 1107; Nicaragua *Hesperoctenes* sp. n.—**Horváth, 1107;** Panama *Oplomus* sp. n.

Schmidt, 2188; *Phera* sp. n.

Odonata (or *Paraneuroptera*).

The habits of the plant-dwelling larva, Odonata; **Calvert, 343–345.**

Orthoptera.

Borelli, 225; Costa Rica, 5 spp. n. d Dermatteri.

Griffini, 942; Mexico *Gryllacris* sp. n.

Antilles.

Incl. Bermudas; excl. Trinidad.

Coleoptera.

Champion, 391; *Curculionidae* spp. n.

Fleutiaux, 752; *Trixagidae, Melasidae* et *Elateridae.*

Prell, 1944; Cuba, *Homophileurus* sp. n.

Schaeffer, 2160; *Phanocerus* sp. n.

Hymenoptera.

Crawford, 514; *Chalcididae* spp. n.

Wheeler, 2727; Ants Grenada.—**Wheeler, 2732**; Jamaica.

Lepidoptera.

Buxton, Rep. Rugby School Soc. **1910** p. 25; Jamaica *Rhopalocera* brief list.

Prout, 1949; Porto Rico *Leuciris* sp. n.

Rothschild, 2094; Cuba *Eurola* sp. n. Dominica *Episcepsis* sp. n.

Diptera.

Cresson, 517; Cuba and Bermuda *Pipunculidae* spp. n.

Felt, 729; St. Vincent *Cecidomyiidae* 2 spp. n.—**Felt, 731**; Cecidomy. 2 spp. n.—**Felt, 734**; *Cecidomyiidae* 4 spp. n. —**Felt, 737**; Jamaica *Mycodiplosis* sp. n.—**Felt, 738**; *Itonidae* spp. n.—**Felt, 740**; *Lasioptera* sp. n.

Kröber, 1314; St. Thomas *Psilocephala* sp. n.

Hemiptera.

Bergroth, 148; Jamaica *Ploeariinae.* sp. n.

Crawford, 509; *Psyllidae* spp. n.

Raguéz, 1971; Cuba, notes etc.

South America, including Trinidad.

Insecta, collectively.

Kieffer & Herbst, 1256; Gallen und Gallentiere Chile.

Urich, 2595; Trinidad insects affecting the sugar cane.

Coleoptera.

Arrow, 43 *Golofa* 2 spp. n.—**Arrow, 44**; Paraguay *Hapalonychus* sp. n.—**Arrow, 46**; *Dynastinae* 12 spp. n.

Aurivillius, 58; Cerambycidae Brasilien 1 sp. n., Süd-Chile 1 sp. n.

Beguin-Billecocq, 132; *Apion* 2 spp. n.

Bernhauer, 156; Staphyliniden n. genn. et spp.

Bickhardt, 186; *Histeridae* spp. n.

Boileau, 200; *Sphenognathus* 2 spp. n.

Bourgeois, 234; *Mélyrides* Equateur. —**Bourgeois, 235**; Équateur Malacodermes 5 spp. n.

Bourgoin, 239 & 240; *Allorrhina* spp. n.

Bowditch, 243 & 244; *Diabrotica* 42 spp. n.—**Bowditch, 245**; *Calligrapha* etc., spp. n.

Breyer y Trant, 261; *Epicauta* sp. n.

Bruch, 283; *Phaenognatha* sp. n. and *Dynastidae* gen. n.—**Bruch, 284**; Argentina Catalogue.

Champion, 390 & 391; *Curculionidae* spp. n.

Denier, 565; *Pseudomeloe* sp. n. Pérou.

Felsche, 726; Coprophage Scarabaeiden spp. n.

Gebien, 834; *Phrenapates* spp. n.

Germain, 844 & 846; Chile, classification notes; and catalogue.

Gillet, 864; *Copridae* 6 spp. n.

Gounelle, 907; Liste des Cérambycides de la région de Jatahy, many spp. n.—**Gounelle, 908**; *Callichroma* du Brésil méridional.—**Gounelle, 909**; Argentine *Trachyderini* gen. n.

Grouvelle, 969; Paraguay *Epuraea* sp. n.

Heller, 1038; *Oxycorynus* sp. n.

Horn, 1105; *Ctenostoma* 3 spp. n.

Hubenthal, 1126; *Pheropsophus* n. sp.

Jordan, 1184; Amazons *Hypselotropis* sp. n.

Kolbe, 1286; *Curculionidae* gen. n. Argentinien.

Leng, 1384; *Brachyacantha* spp. n.

Lesne, 1401; Pérou *Chondrotheca* n. g.—**Lesne, 1408**; Argentin *Natalis* sp. n.—**Lesne, 1409**; *Dexicrates* de la faune chilienne en Argentine.—**Lesne, 1413**; Chile *Anobiidae* gen. n.

Lewis, 1420; 2 spp. n., *Omalodes* and *Trypanaeus*.

Moser, 1651 & 1654; *Allorrhina* sp. n.

Ohaus, 1761; Neue lamellicornia Argentinien.—**Ohaus, 1762**; subgen. nov. Melolonthinarum.—**Ohaus, 1764**; *Phileurini* genn. et. spp. n.

Olivier, 1775; Misiones *Lampyridae* 7 spp. n.—**Olivier, 1777**; Guiana *Photuris* sp. n.

Pic, 1858; Téléphorides américains nouveaux.—**Pic, 1859**; *Zonitis* 2 spp. n. —**Pic, 1868**; Brazil *Dromanthus* 3 spp. n.—**Pic, 1869**; Parana *Dromanthus* sp. n.—**Pic, 1875**; 4 spp. n., *Dromanthus, Silis, Anthicus* and *Spermophagus*.

Prell, 1942; *Podischnus* sp. n.—**Prell, 1944**; Dynastinen spp. n.

Schmidt, 2183; 2 neue Aphodiinen.—**Schmidt, 2184**; Argentina *Euparia* sp. n.

Schubert, 2226; *Staphylinidae* spp. n.

Sicard, 2294; Equateur *Coccinellidae*.

Spaeth, 2359; *Cassididae* spp. n., genn. n.

Strohmeyer, 2464; Peru *Platpyus* sp. n.

Théry, 2520; *Buprestidae* spp. n.

Wasmann & Holmgren, 2702; *Staphylinidae* 2 spp. n.

Weise, 2712; *Hispidae* many spp. n. —**Weise, 2714**; *Coccinellidae* 4 spp. n.

Hymenoptera.

Bradley, 247; Brazil *Ornepetes* sp. n.

Bréthes, 260; *Pompilus* and *Salius* 6 spp. n.

Cameron, 349; Brit. Guiana *Hym.* parasitica many spp. n., genn. n.

Cockerell, 439; Peru *Apidae* 3 spp. n.—**Cockerell, 444**; Peru *Psenulus* sp. n.—**Cockerell, 456**; Patagonia *Anthidium* sp. n.

Crawford, 515; *Chalcididae* gen. n.

Ducke, 625; *Chrysiididae*.—**Ducke 626**; Brazil *Eumenidae* spp. n.

Emery, 674; *Eciton* and *Camponotus*, 6 spp. n.

Forel, 761; Brasilien etc. *Formicidae* spp. n.—**Forel, 763**; *Formicidae* spp. n.

Friese, 785; *Apidae* 4 spp. n.—**Friese, 788**; Bolivia *Xylocopa* sp. n.

Girault, 868; Trinidad spp. n., Chalcidoidea.—**Girault, 872**; Peru *Acoloides* sp. n.—**Girault, 893**; New Chalcidoid gen. and sp. Paraguay.

Ihering, 1134; 6 spp. n., *Zethus* and *Discoelius*.

Kieffer, 1234: Bethylidae gen. n.

Mocsáry, 1617; *Chrysididae* spp. n.

Pérez, 1826; Chile *Apidae* 4 spp. n.

Rohwer, 2071; Patagonia etc. *Chalastogastra* genn. n.

Santschi, 2143; *Eciton* sp. n.—**Santschi, 2144**; Ecuador *Pheidole* sp. n.—**Santschi, 2149**; Buenos Ayres *Apterostigma* sp. n.

Schrottky, 2218; *Ichneumonidae* 4 spp. n.—**Schrottky, 2219**; *Apidae* 24 spp. n.—**Schrottky, 2221**; *Aculeata* 35 spp. n., gen. n.—**Schrottky, 2222**; N. spp., *Podagrion, Elachertus, Monomachus, Pachymenes, Hypodynerus, Stenodynerus, Alastor, Polybia, Planiceps, Megalomma, Cerceris, Pseudagapostemon, Neocorynura, Anthophora, Euglossa, Trigona*.—**Schrottky, 2223**; *Apidae* 19 spp. n., gen. n.—**Schrottky, 2224**; *Dianthidium* sp. n.

Strand, 2394; *Stenopistha* spp. n.—**Strand, 2396**; *Epistenia, Aepocerus* und *Podagrion* spp. n.—**Strand, 2397**; Peru und Equador, *Aculeata* spp. n.—**Strand, 2410**; *Stenophasmus* 2 spp. n.—**Strand, 2412**; *Eucera* sp. n. Brasilien.—**Strand, 2414**; *Leucospis* spp. n.—**Strand, 2430**; Chalcididen spp. n.—**Strand, 2448**; Chalcididen *Lycisca* und *Hontalia*.

Szépligeti, 2496; *Braconidae* 2 spp. n.

Turner, 2580; *Fossoria* 4 spp. n.

Vachal, 2600; *Halictus* d'Amérique.

Viereck, 2634; *Braconidae* 2 genn. n. —**Viereck, 2635**; *Braconidae* 2 spp. n.

Zavattari, 2788; Brésil *Synoecoides* sp. n.—**Zavattari, 2790**; N. spp., *Discoelius, Zethus, Eumenes, Alastor*.

Lepidoptera.

Bastelberger, 115; *Hemitheinae* 3 spp. n.—**Bastelberger, 118**; Geometriden spp. n.

Brabant, 246; Noctuelles Guyane française.

Busck, 326; Trinidad *Leucophasma* sp. n.—**Busck, 328**; *Tortricidae* and *Tineidae* many spp. n.

Dognin, 606; *Bombyces, Noctuidae* and *Geometridae*, many spp.n.—**Dognin, 607**; many spp. n., genn. n.

Druce, 619; 20 spp. n., *Aegeriidae, Syntomidae, Hypsidae, Lithosiidae, Cossidae Notodontidae, Geometridae.*—**Druce, 620**; 31 spp. n. *Bombyces* and *Noctuidae.*—**Druce, 621**; 9 spp. n., *Homoeocera, Pericopis, Darna, Josiomorpha, Dirphia, Polia* and *Crambus.*

Dyar, 639; *Diatraea* spp. n.

Fletcher, 748; Ega *Sochchora* sp. n.

Giacomelli, 850, 851, 852; spp. n. *Rhopalocera* and *Heterocera.*

Hampson, 1000; 22 spp. n.

Jordan, 1185; *Saturniidae* 2 spp. n., gen. n.

Kaye, 1209; *Syntomidae* 18 spp. n.

Kearfott, 1210; 3 spp. n., *Anacrusis* and *Stenoma.*

Le Cerf, 1376; Argentina *Castnia* sp. n.

Le Moult, 1381; Argentina *Ischnopteryx* sp. n.

Niepelt, 1729; *Catoblepia* sp. n.

Paravicini, 1796; *Tatochila* sp. n.

Prout, 1949; *Geometridae* 10 spp. n.

Rothschild, 2095; *Aegeriidae* 5 spp. n.—**Rothschild, 2094**; *Syntomidae* many spp. n.—**Rothschild, 2096**; *Syntomidae* and Arctiinae 14 spp. n.

Schaus, 2166; *Paectes* and *Cassandria* spp. n.

Schrottky, 2220; Argentina *Papilio.*

Stichel, 2378; *Riodinidae* spp. n.

Strand, 2392; *Trichostibas* 3 spp. n. —**Strand, 2398**; Sechs Gelechiidae, Argentinien.—**Strand, 2405**; *Anaxita* 2 spp. n.—**Strand, 2407**; Uraniiden 6 spp. n.—**Strand, 2420**; *Automeris* sp. n.—**Strand, 2427**; *Ithomeis* sp. n.—**Strand, 2429**; Ecuador *Cryptolechia* sp. n.—**Strand, 2432**; Ecuador Heterocera 5 spp. n.—**Strand, 2439**; *Corynura* sp. n.—**Strand, 2440**; Brasilien, *Pericopis* sp. n.

Tremoleras, 2556; Uruguay notes.

Walsingham, 2686; *Tineidae* spp. n.

Weymer, 2525; *Taygetis* 2 spp. n.

Trichoptera.

Ulmer, 2590; 4 spp. n., genn. n.

Neuroptera.

Navás, 1686; *Chrysopides* 5 spp. n.—**Navás, 1682**; *Nallachius* sp. n.—**Navás, 1691**; *Ascalaphidae* 3 spp. n.—**Navás, 1697**; Callanga *Mantispa* sp. n.

Diptera.

Aiken, 8; Brit. Guiana *Culicidae* synopsis.

Brues, 285; Paraguay *Phoridae* spp. n.

Enderlein, 687; *Trypetidae* 4 spp. n. —**Enderlein, 680**; Oscinosominen, genn. et spp. n.—**Enderlein, 685**; Chloropiden n. gg. et spp.—**Enderlein, 686**; Chloropinen, spp. n.

Felt, 730; *Lestodiplosis* Peru.—**Felt, 732**; *Endaphis* sp. n.—**Felt, 739**; *Cecidomyidae* 3 spp. n. Panama.

Hendel, 1044; *Richardiinae* spp. n. —**Hendel, 1047**; Acalyptr. spp. n.

Kröber, 1314; Thereviden spp. n.

Lutz, 1471; *Tabanidae* spp. n., gen. n.

Lutz & Neiva, 1472; *Culicidae* 2 spp. n.

Speiser, 2362; 2 spp. n., *Fungivora* and *Richardia.*

Stein, 2373; Anthomyiden genn. n., spp. n.

Strickland, 2458; Paraguay *Janthinosoma* sp. n.

Summers, 2470; Guiana *Dichelacera* sp. n.

Wise, 2566; Demerara *Simulium* sp. n.

Aphaniptera.

Rothschild, 2088; Chile and Ecuador gen. n.

Hemiptera.

Bergroth, 145; *Armini* spp. n.—**Bergroth, 148**; *Pleoariinae* spp. n.—**Bergroth, 149**; *Reduviidae* gen. n.

Crawford, 509; *Psyllidae* spp. n., gen. n.

Distant, 580; *Pentatomidae* 19 spp. n., genn. n.—**Distant, 581**; *Pentatomidae* genn. n., spp. n.—**Distant, 583**; *Cicadidae* 3 spp. n.

Hempel, 1042; gen. n. Guiana.

Horváth, 1107; spp. n.

Leonardi, 1391; Argentina 25 spp. n.

Montandon, 1625; Brésil gen. n. *Hydrocorisae.*—**Montandon, 1626**; Ecuador *Cyphocricus* sp. n.—**Montandon, 1627**; Argentina *Ranatra* sp. n.

Reuter, 2026; Brasilia *Capsidae* spp. n.

Schmidt, 2186; Neue Coreiden-Gattung.—**Schmidt, 2188**; 7 spp. n.

Thysanoptera.

Karny, 1208; Paraguay, genn. et spp. n.

Isoptera.

Holmgren, 1093; Monographie der amerikanischen *Eutermes.*—**Holmgren, 1095**; *Syntermes* n. spp.

Embioptera.

Krauss, 1303; spp. n.

Lipoptera or *Mallophaga.*

Kellogg & Paine, 1219; Bolivia 2 spp. n.

Ephemeroptera.

Navás, 1698; Colombia gen. n.

Plecoptera.

Navás, 1685; *Neoperla* sp. n.

Odonata or *Paraneuroptera.*

Navás, 1692; 3 spp. n., 2 genn. n.

Ris, 2047; *Rhodopyga* sp. n.

Orthoptera.

Bruner, 291; *Tetrigidae* spp. n.

Burr, 325; Dermapteren 3 spp. n.

Griffini, 945; *Hyperbaenus* 2 spp. n.—**Griffini, 951**; Ecuador *Gryllacris* sp. n.

Karny, 1207; spp. n.

Kuthy, 1336; Bolivia *Cephalocoema* n. sp.

Rehn, 1989; Paraguay 4 spp. n., gen. n.—**Rehn, 1990**; *Mantidae* 2 spp. n.

Shelford, 2281; 2 spp. n., *Blabera Pseudoderopeltis.*

Zacher, 2783; *Forficulidae* gen. n.

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†*B. minusculoides* **sp. n.** Colorado Miocene, WICKHAM Bull. Amer. Mus. **30** p. 67.

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†*Cleonus rohweri* **sp. n.** Colorado Miocene WICKHAM Bull. Amer. Mus. **30** p. 66.

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gique **18.**—*C. simsoni* **sp. n.** Tasmania, LEA p. 200 Mitt. Mus. Berlin **5.**

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†*C. subterraneus* **sp. n.** Colorado Miocene, WICKHAM Bull. Amer. Mus. **30** p. 64.

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bana, tsadiana, riggenbachiana, abonyana, Kamerun, **spp. n.,** *ungulata* var. n. *waterbergensis* S.-Afr., pp. 124–128, *latimetatarsis, manguna,* Togo, *meriani* Seychellen, *katonana* O.-Afr., *capensiana* Kapland, **spp. n.,** pp. 132–133; *M. montibia, armipygata, venustoides, sansibarica, mastrucatella, ruficheloides, janthopteriana,* **spp. n.,** O.-Africa, STRAND pp. 156–162 Ergebn. deutsch. Z. Afrik. Exp. **3.**—*M.* (*Eumegachile*) *dinura* p. 315, *disjunctiformis* p. 316, *takoensis* p. 317, *kagiana, rufovittata,* p. 318, **spp. n.,** Formosa, COCKERELL Ann. Nat. Hist. **7.**—*M. igniscopata, spissula,* p. 486, *tranquilla* p. 487, *rixator* p. 488, *abluta, subusta,* p. 489, *aspernata* p. 490, **spp. n.,** Formosa, *rufovittata* p. 485, COCKERELL T.c.—*M. caldwelli* **sp. n.** China p. 284, *bicolor taiwana* subsp. n. p. 283, *piurensis* **sp. n.** Peru p. 288, COCKERELL Ann. Nat. Hist. **8.**—*M. godeffroyi, gigantea, hertlei, finschi, luteiceps,* **spp. n.,** Sunda-Ins., FRIESE pp. 217–219 Deutsche ent. Zeitschr. **1911.**—*M. glaberrima, rufopilosa* Austral., *minutula* Neu Guinea, *fimbriventris* Fidji-Ins., **spp. n.,** FRIESE pp. 452–453 T.c.—*M. mertoni* **sp. n.** Kei-Ins., FRIESE p. 226 Abh. Senckenberg Ges. **44.**—*M. taua* **sp. n.** Neu-Guinea, STRAND p. 87 Int. ent. Zeitschr. **5.**—*M. lorentzi* **sp. n.** New Guinea, FRIESE Nova Guinea **9** p. 263. —*M. bougainvilliana* **sp. n.** Salomonsinseln, STRAND Entom. Ztg Wien **30** p. 79.—*M. mendanae, bougainvillei, shortlandi, cartereti, woodfordi,* **spp. n.,** Solomon Islands, COCKERELL P. Linn. Soc. N.S.W. **36** pp. 170–173.—*M. pamirensis* Pamir p. 251, *ladacensis* p. 252, *rupshuensis* p. 253, Ladak, **spp. n.,** *M. sayi paludicola* subsp. n. Texas p. 254, COCKERELL Washington Proc. U. S. Nation. Mus. **40.**—*M. assumptionis, proserpinae,* p. 233, *fiebrigi* Paraguay, *chubutana* Chubut, p. 234, *bertonii, paraguayensis,* Paraguay, *gigas,* p. 235, *campinensis* Brazil, *guaranisticae,* with subsp. n. *uruguayensis* and f. n. *melanopyga* Paraguay, p. 236, *catamarcensis* Argentina p. 237, *itapuae* Paraguay p. 238, **spp. n.,** *fossoris leucocentra* p. 236 and *laeta anisitsi* p. 237, subspp. n., SCHROTTKY An. Soc. Argent. **65** 1908.—*M. perparva* p. 267, *sanctaemariae* p. 268, **spp. n.,** Paraguay, *gomphrenae* and *catamarcensis* with varr. p. 268, SCHROTTKY An. Soc. Argent. **68** 1909.—*M. volk manni* ab. n. *ventrifasciata,* STRAND Wien Ent. Ztg **30** p. 155.—*M. albifrons,* food habits, BURKILL J. As. Soc. Beng. **6** p. 102.

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Meroglossa tetraxantha **sp. n.** Solomon Is., COCKERELL P. Linn. Soc. N.S.W. **36** p. 161.

Morgania appletoni **sp. n.** Somaliland p. 217, COCKERELL Trans. Amer. Ent. Soc. **36.**

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Ammalo helops, larva p. 229, DYAR Proc. Ent. Soc. Washington **13.**

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Anacraga rebella **sp. n.** Costa Rica, SCHAUS p. 627 Ann. Nat. Hist. **7.**

Anadiasa affinis **sp. n.** Bloemfontein, AURIVILLIUS p. 167 Tr. Ent. Soc. London **1911.**—*A. lineadentata* **sp. n.** Angola, BETHUNE-BAKER p. 561 Ann. Nat. Hist. **7.**

Anaphela fianarantsoa **sp. n.** p. 471 pl. xvi fig. 5, OBERTHÜR Ann. Soc. ent. France **79.**—*A. holli* pl. x fig. 1, *dayremi* fig. 2 p. 96, *powelli* p. 97 fig. 3, **spp. n.,** OBERTHÜR Et. Lep. comp. fasc. **3.**

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Anaulosia **gen. n.** *Lithosiinae, impolita* **sp. n.** Costa Rica, SCHAUS p. 368 Ann. Nat. Hist. **7.**

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Anita costalis **sp. n.** Costa Rica, SCHAUS p. 282 Ann. Nat. Hist. **7.**

Antheraea menippe f. n. *habenichti* O.-Afr., WICHGRAF p. (44) S.B. Berlin ent. Zeitschr. **56.**

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Antichloris puriscae **sp. n.** Costa Rica, SCHAUS p. 181 Ann. Nat. Hist. **7.**

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Antitype philippsi **sp. n.** Persia, PÜNGELER p. 160 Zs. wiss. Insektbiol. **7.**

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Eressades **gen. n.** *Syntomidae, flavipunctata* **sp. n.** Angola, BETHUNE-BAKER p. 531 Ann. Nat. Hist. **7.**

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Eriogyna **gen. n.** near *Saturnia, pyretorum* subspp. n. *cognata, luctifera* China, JORDAN Seitz Gr.-Schm. pal. Div. p. 221.

Euagra delectans **sp. n.** Costa Rica, SCHAUS p. 612 Ann. Nat. Hist. **7.**

Eucereon relegatum **sp. n.** Costa Rica, SCHAUS p. 182 T.c.—*E. pyrozona* **sp. n.** S. America, HAMPSON p. 396 Ann. Nat. Hist. **8.**—*E. flavopunctatum* Colombie **sp. n.**, DOGNIN p. 12 Hét. nouv. **2.**—

E. patula Perou **sp. n.**, DOGNIN p. 5 op. cit. **3.**

Euchaetias albicosta, larva p. 229, DYAR Proc. Ent. Soc. Washington **13.**

Euchromia jacksoni **sp. n.** Uganda, BETHUNE-BAKER p. 531 Ann. Nat. Hist. **7.**—*E. brilliantina* Buru, *wahnesi* New Guinea, **spp. n.**, *neglecta neglecta* and *n. occidentalis*, subspp. n., ROTHSCHILD p. 38 Nov. Zool. **18.**

Euclea lamora, aethes, **spp. n.**, Colombie, DOGNIN p. 61 Hét. nouv. **3.** —*E. phara, parva, flexilinea, assimilis, columbiana*, not *Sisyrosea*, DYAR Proc. Ent. Soc. Washington **13** p. 106.

Eucyane meres **sp. n.** Colombia, DRUCE p. 288 Ann. Nat. Hist. **7.**

Eudia **gen. n.** für *Saturnia pavonia*, JORDAN Seitz Gr.-Schm. pal. Div. p. 222.

Eugivira saladota, ornata, Amérique sud, **spp. n.**, DOGNIN p. 55 Hét. nouv. **2.**

Eugoa sexpuncta **sp. n.** New Guinea, HAMPSON p. 306 Ann. Nat. Hist. **8.**

Eumenogaster affinis **sp. n.** Venezuela, ROTHSCHILD p. 42 Nov. Zool. **18.**—*E. nigricauda* Guyane **sp, n.**, DOGNIN p. 9 Hét. nouv. **2.**

Eumeta junodis, CONTE & VANEY Lab. étud. soie Lyon **14** pp. 123–125 av. fig.

Eunomia caymanensis **sp. n.** Georgetown, HAMPSON p. 395 Ann. Nat. Hist. **8.**

Eupharpyia schrottkyi Paraguay **sp. n.**, DOGNIN p. 39 Hét. nouv. **2.**

Euphastia **gen. n.**, *Notodontidae, ophidera* **sp. n.**, p. 35, Guyane, DOGNIN p. 35 T.c.

Euprepia caligans powelli n. var. *powelli-punctata* and *powelli-haroldi*, varr. n., p. 161 pl. xiii, *E. cribraria* var. n. *anglica, nevadensis, rondoui, leucomelas, canigalensis*, and *vernetensis*, varr. n., pp. 171–180 pl. lxxx, OBERTHÜR Et. Lap. comp.

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Conistra veronicae ab. n. *conspicua,* Europa, Asia minor, *C. ardescens* abb. n. *unimacula, nigroliturata, pallidistigma, uniformis* Japan, *C. ligula* ab. n. *canilinea* Turkestan, *C. staudingeri* abb. n. *unicolor, multiscripta,* Spanien, *C. daubei* abb. n. *pallida, innotata, submarginata,* Frankreich, WARREN Seitz Gr.-Schm. pal. Div. pp. 147–149.—*C. ardescens* ab. n. *purpurea,* WILEMAN p. 204 Tr. Ent. Soc. London **1911.**

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Ozarba reussi **sp. n.** Daressalam, STRAND Wien Ent. Ztg. **30** p. 225.—*O. agraria* **sp. n.** Costa Rica, SCHAUS p. 115 Ann. Nat. Hist. **8.**—*O. epimochla* **sp. n.** Lokoja, BETHUNE-BAKER p. 523 Ann. Nat. Hist. **8.**

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Paragona cleorides **sp. n.** Japan, WILEMAN p. 266 Tr. Ent. Soc. London **1911.**

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Xylina ornitopus lactipennis subsp. n., DADD p. 97 Ent. Rec. **23.**

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GEOMETRIDAE.

(Incl. *Uraniidae, Epiplemidae* and *Cymatophoridae.*)

Révision iconographique des espèces de Phalénites, *Geometra* L. énumères et décrites par Achille Guénée dans le vol. ix et x du species general des Lépidoptères, Paris–Rouen, 1857, OBERTHÜR Etud. Lépidoptèr. comparée fasc. v (2. partie) 1911 (7 av. fig.).

Noctuelles et Géomètres d'Europe, CULOT Iconographie Genève **1909–1912** (Livr. 1–12).

A visitation of Geometrid moths, DAVIS Proc. Staten Is. Ass. **2** p. 130.

Abraxas; Aderung, männl. Genitalapp., generische Stellung (russ.+engl. rés.), JOHN Rev. russ. ent. **11** pp. 383 393 ff. 1–12.—*A. arfaki* **sp. n.** New Guinea, BETHUNE-BAKER p. 544 Ann. Nat. Hist. **8.**

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Acidalia myrtillata **sp. n.** Deutschl., DADD p. 262 Berlin ent. Zeitschr. **55.**—*A. joannisiata* **sp. n.**, HOMBERG p. 306 Bull. Soc. ent. France **1911.**—*A. okbaria* p. 506, *nigrolineata* p. 508, **spp. n.**, CHRÉTIEN Ann. Soc. ent. France **79.**—*A. fuscifusa* **sp. n.** Cameroons, PROUT p. 292 Entomologist **44.**—*A. ? inchoata* **sp. n.** Japan, WILEMAN p. 335 Tr. Ent. Soc. London **1911.**—*A. manifesta* **sp. n.** Tientsin, PROUT p. 705 Ann. Nat. Hist. **8.**—*A. arizana* **sp. n.** Formosa, WILEMAN p. 400 Entomologist **44.**—*A. sugillata, punctatissima,* **spp. n.**, Formosa, BASTELBERGER p. 23 Int. ent. Zs. **4.**

Acidalia; sp. Baraba-Steppe Beschreibung (Russ.), ČUGUNOV Rev. russ. ent. **11** p. 338.—*A. comparia,* types, GARIETA Bull. Soc. ent. France **1911** p. 342.—*A. completa,* early stages, HOMBERG Bull. Soc. ent. France **1911** p. 144.—*A. imitaria* ab. n. *kesslitzi* Lissa, HIRSCHKE JahrBer. Entom. Ver. Wien **21** pp. 93–95.—*A. subsaturata* v. *lecerfiata,* ANDREAS Ent. Zs. Frankfurt **24** p. 248.—*A. tessellaria* ab. n. *meissli,* SCHAWERDA Verh. ZoolBot. Ges. Wien **61** p. 80.—*A. transmutata gynochromaria* ab. n. p. 204, HOMBERG Bull. Soc. ent. France **1911.**—*A. vilaflorensis* **sp. n.** Kanaren, REBEL Ann. Hofmus. Wien **24** pp. 327–374.

Actenochroma montana **sp. n.** Formosa, BASTELBERGER p. 248 Int. ent. Zs. **4.**

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Amphidasis betularia ab. *doubledayaria,* STEPF Ent. Zs. Frankfurt **24** p. 244 & RAMME & SCHEPP Intern. ent. Zs. Guben **5** p. 26.

Anaïtis plagiata abb. [n.] *tangens* and *cotangens,* FRITSCH p. 163 Int. ent. Zeitschr. **5.**—*A. praeformata* ab. n. *confleca, plagiata* ab. n. *conflua,* HOFFMANN p. 189 Ent. Rdsch. **28.**

Anapalta egena p. 150, *luscina* p. 156, **spp. n.**, Peru, BASTELBERGER Int. ent. Zs. **5.**

Anemplocia scalpellata, meteora, **spp. n.**, Colombia, DOGNIN p. 176 Mem. Soc. ent. Belgique **18.**

Angerona? rufaria Colombie **sp. n.**, DOGNIN p. 25 Hét. nouv. **4.**

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fasciata, p. 163, *insigniata* ab. n. *liposema*, *ruficeps* ab. n. *incerta*, p. 164, DOGNIN Mem. Soc. ent. Belgique **18.**—*A. aequalipunctata major*, *radiata dulcicola*, varr. n., DOGNIN p. 24 Hét. nouv. **3.**

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Aplodes intensaria **sp. n.** Utah, PEARSALL p. 251 Canad. Ent. **43.**

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Aplogompha argentilinea **sp. n.** Costa Rica, SCHAUS p. 577 Ann. Nat. Hist. **8.**

Arichanna amoena **sp. n.** Formosa, BASTELBERGER p. 22 Int. ent. Zs. **4.**

Aracima serrata **sp. n.** Formosa, WILEMAN p. 271 Entomologist **44.**

Arycanda apicinigra **sp. n.** Borneo, BASTELBERGER p. 54 Int. ent. Zs. **5.**

Asthena remissa **sp. n.** Japan, WILEMAN p. 332 Tr. Ent. Soc. London **1911.**

Axiodes rufigrisea **sp. n.** S. Africa, WARREN Ann. S. Afric. Mus. **8** p. 27.—*A. oberthueri* Madagascar **sp. n.**, DOGNIN p. 66 Hét. nouv. **3.**

Azelina solitaria **sp. n.** Costa Rica, SCHAUS p. 593 Ann. Nat. Hist. **8.**—*A. brunnea* Argentine **sp. n.**, DOGNIN p. 26 Hét. nouv. **4.**

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Ballantiophora neglecta **sp. n.** p. 235, THIERRY-MIEG Naturaliste **32.**

Bapta argentata, *candida*, *molesta*, **spp. n.**, Costa Rica, SCHAUS p. 579 Ann. Nat. Hist. **8.**

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Cambogia flammulata **sp. n.** Formosa, BASTELBERGER p. 90 Soc. entomol. **25.**—*C. punctifera* p. 28, *simulata* p. 29, Amérique du sud, **spp. n.**, DOGNIN Hét. nouv. **3.**—*C. albosignata* Colombie **sp. n.**, DOGNIN p. 17 Hét. nouv. **4.**—*C. inflammata*, *albimacula*, p. 172, *margarita* p. 173, *biradiata* p. 174, **spp. n.**, Colombia, DOGNIN Mem. Soc. ent. Belgique **18.**—*C. diversicosta* **sp. n.** Colombia, PROUT p. 706 Ann. Nat. Hist. **8.**

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Chlorochlamys appellaria **sp. n.** Arizona, PEARSALL p. 206 Canad. Ent. **43.**

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ENDERLEIN pp. 189–190 SB. Ges. Naturfr. **1911.**

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Agraecia fallax **sp. n.** Neu Guinea, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

Anabropsis carli Tonkin **sp. n.**, GRIFFINI p. 485 Rev. Suisse Zool. **19.**

Arachnoscelis **gen. n.**, *Listroscelis arachnoides*, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

Bertoniella **gen. n.**, *agraecioides* **sp. n.** ff. 3–5 Paraguay, REHN p. 255 Ent. News **22.**

Biroa maculiventris **sp. n.** Obi, BOLÍVAR p. 270 Bol. Soc. españ. **11.**

Callimenus macrogaster (Russ.), KISERITZKY Rev. russ. ent. **11** p. 446.

Carliella **gen. n.** *Listroscelinae, mandibularis* **sp. n.** Brazil, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

Ceraeocercus fuscipennis (Russ.), PYLĬNOV Rev. russ. ent. **11** p. 369.

Conocephalus caudellianus ♀, *exilis-canoris* and *bruneri*, DAVIS p. 413 Canad. Ent. **43.**—*C. nitidulus bicolor* var. n. Semiretshje, PYLĬNOV Rev. russ. ent. **11** p. 367.

Dicranocercus prasinus **sp. n.** Queensland, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

Eremus peringueyi, chimaera, **spp. n.**, S. Africa, GRIFFINI Monit. zool. ital. **22** pp. 125–134.

Eremus atrotectus Br., to *Neanias*, GRIFFINI p. 474 Rev. suisse Zool. **19.**

Gonatacanthus griffinii **sp. n.**, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

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Habetia pictifrons **sp. n.** Neu Guinea, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

Henicus pattersoni subsp. n. *brevimucronatus*, GRIFFINI p. 494 fig. Rev. suisse Zool. **19.**

Homorocoryphus pygmaeus **sp. n.** Congogebiet, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

Hyperbaenus bohlsi Giglio-Tos Paraguay, GRIFFINI Ann. Mus. Hung. **9** p. 171.—*H. camerani, sjoestedti*, **spp. n.**, Brasile, GRIFFINI Redia **7** pp. 187–203.

Idionotus brevipes habits, stridulation, WALKER p. 303 Canad. Ent. **43.**

Isophya melanochloris **sp. n.** p. 252 f. 2, Paraguay, REHN Ent. News **22.**

Lutosa paranensis **sp. n.** p. 257 Paraguay, REHN T.c.

Madiga magna O.-Afrika, *liberiana* Liberia, **spp. n.**, LA BAUME pp. 312–313 Stettin. ent. Zeit. **72.**

Melanophoxus griffinii **sp. n.** Peru, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

Moncheca bisulca subsp. n. *kuthyi* Peru, KARNY T.c.

Neanias rosiphagus, glaunigi, **spp. n.**, O.-Afr., GRIFFINI pp. 464–467 Zool. Jahrb. Syst. **31.**

Neduba and *Aglaothorax,* habits stridulation, PEMBERTON Psyche **18** p. 82 pl. xi.

Olynthoscelis heptapotamica **sp. n.** Semiretshje, PYLĬNOV Rev. russ. ent. **11** p. 369.—*O.* sp. n. ? Orenburg Beschreibung (Russ.), VORONCOVSKIJ Izv. Orenb. otd. russ. geogr. Obšč. **22** p. 56.

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Papuaistus **gen. n.**, *schultzei* **sp. n.** N. Guinea p. 347, GRIFFINI Redia **7.**—*P. biroi* **sp. n.** Nova Guinea, GRIFFINI Ann. Mus. Hung. **9** p. 560.

Paragryllacris longa, perloides Walk., GRIFFINI p. 472 Rev. suisse Zool. **19.**

Parasubria **gen. n.** *Agraeciinae, ziczac* **sp. n.** Brazil, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

Pardalota reimeri **sp. n.** O.-Afrika, LA BAUME p. 317 Stettin. ent. Zeit. **72.**

Phrictidea **gen. n.** *Mecopodinae* p. 268, *phrictiformis* **sp. n.** Obi p. 270, BOLÍVAR Bol. Soc. españ. **11.**

Platycleis biedermanni **sp. n.** Sardinia, WOLFF p. 121 Zool. Anz. **37.**—*P. intermedia, affinis, tesselata, stricta,* spp. n. ?, Orenburg (Russ.), VORONCOVSKIJ Izv. Orenb. otd. russ. geogr. Obšč. **22**—*P. grisea,* forma mactropt., LUTHER Medd. Soc. Fauna Fenn. **34** p. 123.

Poecilimon ; Bau der Cerci, *scythicus* p. 170 Land der Don'schen Kosaken, *aj-petri* p. 173 ff. 12–13 Krim, *heroicus* p. 175 f. 14 Land der Don'schen Kosaken, **spp. n.** (Russ. + lat. diagn.), ŠČELKANOVCEV Varšava Rab. zool. kab. Univ. **1910.**

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Pterophylla brasiliensis nom. n. for *P. camellifolia* Serv., CAUDELL p. 167 Ent. News **22.**

Rhaphidophora kuthyi **sp. n.** N. Guinea, GRIFFINI Ann. Mus. Hung. **9** p. 565.

Rhytidaspis fusca **sp. n.** Neu Guinea, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

Salomona aeruginifrons **sp. n.** Neu Guinea, KARNY Verh. ZoolBot. Ges Wien **61** pp. 334–347.

Spizaphilus = (*Butleria* Br.= *Butleriella* Bol.), taxonomy, GRIFFINI p. 491 Rev. suisse Zool. **19.**

Stipator pratti **sp. n.** Texas p. 79 CAUDELL Proc. Ent. Soc. Washington **13.**

Tachycines asynamorus, Lebensweise, in Moskau (Russ.), BOLDYREV Rev. russ. ent. **11** p. 437.

Temnophyllus knighti **sp. n.** Malay penins. p. 93 pl. iii, KIRBY Ann. Nat. Hist. **7.**

Xiphidion consul Neu Guinea, *exsul* Fundort ?, *immaculatum* Victoria, **spp. n.**, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347. — *X.* stridulation, ALLARD Proc. Ent. Soc. Washington **13** pp. 84–87.

Xiphidiopsis quadrimaculata **sp. n.** Victoria, KARNY Verh. ZoolBot. Ges. Wien **61** pp. 334–347.

ACRIDIIDAE.

Staten Island grouse locusts, DAVIS Proc. Staten Is. Ass. **2** p. 148.

Acanthoxia procera **sp. n.** Congo, BOLÍVAR p. 302 Ann. Soc. ent. Belgique **55.**

Acolopus tergestinus Var., IKONNIKOV Rev. russ. ent. **11** p. 105.

Acridoderes laevigatus **sp. n.** Congo, BOLÍVAR p. 303 Ann. Soc. ent. Belgique **55.**

Allotettix fuscipennis p. 115, *chapadensis* p. 117, **spp. n.**, Brazil, BRUNER Ann. Carnegie Mus. **7.**

Apteropedon **gen. n.** p. 139, *apicale* **sp. n.** Rio de Janeiro p. 140, BRUNER T.c.

Arcyptera fusca albogeniculata var. n., IKONNIKOV Ann. mus. zool. **16** p. 250.

Biroëlla bolivari **sp. n.** N. Guinea, KUTHY Ann. Mus. Hung. **9** p. 294.

Bryodema semenovi **sp. n.** Semiretshje, IKONNIKOV Rev. russ. ent. **11** p. 356.—*B. tuberculatum* Ostsibirien, var., p. 255, *luctuosum vitrea* var. n. Irkutsk p. 256, IKONNIKOV Ann. mus. zool. **16.**

Cannula sagitta **sp. n.** Congo, BOLÍVAR p. 298 Ann. Soc. ent. Belgique **55.**

Cardenius bivittatus **sp. n.** Congo, BOLÍVAR p. 305 T.c.

Cephalocoema fusca **sp. n.** Bolivia, KUTHY Ann. Mus. Hung. **9** p. 295.

Chortippus dorsatus, Varietäten, IKONNIKOV Rev. russ. ent. **11** p. 104. —*C. karelini* = *dorsatus* var. *fuliginosus*, IKONNIKOV Rev. russ. ent. **11** p. 352.

Chortophaga australior **sp. n.** Georgia p. 589, REHN & HEBARD Proc. Acad. Philadelphia **62.**

Congoa **gen. n.** p. 303 near *Acridoderes*, *katangae* **sp. n.** Congo, BOLÍVAR p. 304 Ann. Soc. ent. Belgique **55.**

Dibastica elegans **sp. n.** Congo, BOLÍVAR p. 302 T.c.

Eirenephilus **gen. n.** Acridiidarum, *debilis* **sp. n.** Ostsibirien, IKONNIKOV Ann. mus. zool. **16** pp. 264–267 pl. v ff. 5 & 6.

Epacromia tergestina Varietäten var. *viridis* Synonymie (Russ.), IKONNIKOV Rev. russ. ent. **11** p. 353.

Genditia **gen. n.** near *Digentia*, *rufogeniculata* **sp. n.** Congo, BOLÍVAR p. 301 Ann. Soc. ent. Belgique **55.**

Gladiotettix hancocki **sp. n.** Brazil, BRUNER Ann. Carnegie Mus. **7** p. 102.

Gomphocerus simillimus **sp. n.** Irkutsk, IKONNIKOV Rev. russ. ent. **11** p. 98.

Lophoscirtus **gen. n.** p. 138 type *Tettigidea gracilis*, BRUNER Ann. Carnegie Mus. **7.**

Lophotettix **gen. n.**, *lineatus* **sp. n** Brazil, p. 137, BRUNER T.c.—*L.*, CAUDELL p. 156 Canad. Ent. **43.**

Maura clavata **sp. n.** Congo, BOLIVAR p. 300 Ann. Soc. ent. Belgique **55.**

Metaxymenus; limitation of, BOLIVAR p. 306 T.c.

Micronotus hancocki **sp. n.** Trinidad p. 121, BRUNER Ann. Carnegie Mus. **7.**

Oedipoda coerulescens nigra n. var. p. 94, fig. CHOPARD Bull. Soc. ent. France **1911.**

Ognevia **gen. n.** Acridiidarum, *sergii* **sp. n.** Ussuri-Land, IKONNIKOV Ann. mus. zool. **16** pp. 267–269 pl. v f. 7.

Oreacris **gen. n.** p. 298 near *Pyrgodera*, *luctuosa* **sp. n.** Congo p. 299, BOLIVAR Ann. Soc. ent. Belgique **55.**

Otumba peruviana Peru p. 111, *basalis* Brazil p. 112, **spp. n.**, BRUNER Ann. Carnegie Mus. **7.**

Oxya annulicornis **sp. n.** Formosa, MATSUMURA p. 129 Mem. Soc. ent. Belgique **18.**

Pachytilus migratorius, Lebensgewohnheiten etc. im Syr-Darja-Gebiet (Russ.), NIKOLISKIJ Naturfreund **6** 8–9 Beil. pp. 1–13 pp. 1–4.—*P. migratorius* u. *donicus* im Gouv. Stavropol, Eiablage, Entwicklung, Merkmale der Larven (Russ.), UVAROV Naturfreund **6** 8–9 Beil. pp. 13–22 ff. 1–4.

Petamella infumata **sp. n.** Congo, BOLIVAR p. 302 Ann. Soc. ent. Belgique **55.**

Phlaeoba horvathi **sp. n.** Africa orient., KUTHY Ann. Mus. Hung. **9** p. 295.

Platytettix gibbinotus p. 99, *uniformis* p. 100, **spp. n.**, Brazil, BRUNER Ann. Carnegie Mus. **7.**

Podisma koeppeni Erganzende Beschreibung p. 260 pl. v f. 2, *parvula* **sp. n.** pp. 260–261 pl. v f. 3, *frigida* Beschreibung p. 262, *aberrans* p. 262, *solitaria* p. 263 pl. v f. 4, **spp. n.**, Ostsibirien, IKONNIKOV Ann. mus. zool. **16.**—*P. almazyi* = *Conophyma semenovi*, IKONNIKOV Rev. russ. ent. **11** p. 361.

†*Promastax* **gen. n.**, *archaicus* **sp. n.** Tertiary Canada, HANDLIRSCH p. 97 Contr. Canad. Pal. **2.**

Prumna primnoa Ost-Sibirien Beschreibung, Variieren, Copula p. 258, *primnoides* **sp. n.** p. 259 pl. v f. 1 Ussuri-Land, IKONNIKOV Ann. mus. zool. **16.**

Ptemoblax lemarineli **sp. n.** Congo, BOLIVAR p. 304 Ann. Soc. ent. Belgique **55.**

Pyrgodera armata Färbung (Russ.), UVAROV Rev. russ. ent. **11** p. 426.

Racilia okinawensis **sp. n.** Formosa, MATSUMURA p. 130 Mem. Soc. ent. Belgique **18.**

Sclerotettix **gen. n.** p. 104, **spp. n.** *abbreviatus* p. 105, *tibialis* p. 106, *variegatus* p. 107, *infuscatus* p. 107, *minor* p. 109, Brazil, BRUNER Ann. Carnegie Mus. **7.**

Sphingonotus coerulans f. n. *intermedia* Deutschl., RAMME p. 9 Berlin ent. Zeitschr. **56.**—*S. kittaryi* Unterschiede von *octofasciatus* (Russ.), IKONNIKOV Rev. russ. ent. **11** p. 359.

Stauroderus jacobsoni **sp. n.** Semiretshje, IKONNIKOV Rev. russ. ent. **11** p. 351.

Stenobothrus kirgisorum **sp. n.** Semiretshje, IKONNIKOV p. 348 T.c.—*S. formosanus* **sp. n.** Formosa, MATSUMURA p. 130 Mem. Soc. ent. Belgique **18.**

Stethophyma tsherskii **sp. n.** Ussuri-Land, IKONNIKOV Ann. mus. zool. **16** p. 249.

Tapesia acuta **sp. n.** Congo, BOLIVAR p. 300 Ann. Soc. ent. Belgique **55.**

Tettigidea annulipes p. 127, *gracilicornis* p. 128, *chapadensis* p. 130, *hancocki* p. 131, *australis* p. 132, *intermedia* p. 132, *castalis* p. 133, *subaptera* p. 134, *arcuata* p. 135, *corrugata* p. 136, **spp. n.**, Brazil, BRUNER Ann. Carnegie Mus. **7.** —*T. australis*, CAUDELL p. 156 Canad. Ent. **43.**

Thrinchus campanulatus distinkte Art, IKONNIKOV Rev. russ. ent. **11** p. 359.

Tmethis stummeri = *muricatus* var. *heptapotamica*, IKONNIKOV Rev. russ. ent. **11** p. 360.

Tropidiopsis **gen. n.** for *Tylotropidius haasi*, BOLIVAR p. 305 Ann. Soc. ent. Belgique **55.**

Tryxalis nasuta, Dichogamie (Russ.), KORSAKOV Naturfreund St. Peterburg **6** p. 90.

APTERA s.l.

Zur Apterygotenfauna Norwegens, LINNANIEMI Bergens Mus. Aarb. **1911** No. 1.

In 1907 a paper by von OLFERS was recorded as follows:—

"**Olfers, E. W. M. von.** Die „Ur-Insecten". (Thysanura und Collembola im Bernstein.) Königsberg Schr. physik. Ges. **48** 1907 (1–40 mit 25 Taf.). 2070"

No new genera or species were however mentioned as included in the paper. The German Bureau has now forwarded for inclusion in this Issue a list of new genera and species contained in the paper, together with the following explanation:—

"Die Arbeit ist aufgenomenen in *Paläontol.*, *Jg.* 1908 und *Zool.*, 1907, aber ohne neue species. Diese sind als solche weder vom Verf. bezeichnet, noch ist sonst aus der Arbeit ersichtlich, dass sie neu sind. Ich habe sämtliche Namen ausgezogen, die mit der Bezeichnung „v. Olf." in der Arbeit versehen waren. Die Angabe, dass es sich um Neubenennungen handelt, rührt her von F. Poche im Arch. f. Naturgesch., Berlin, Bd 77, I, suppl. H 4, 1912.—Bedauerlich ist, dass (durch die Schuld des Deutschen Bureaus) die Bezeichnung der *Geologischen Schicht* im Bande Paläontologie ganz falsch ist, nämlich 90. 95 statt **85.** Es handelt sich, wie der Titel sagt, um *Bernstein*-Insekten."

THYSANURA s.l.

Ueber Felsenspringer, Machiloidea. 5. Aufsatz: Die schuppenlosen Entwicklungsstufen und die Orthomorphose, VERHOEFF Zool. Anz. Leipzig **38** 1911 (524–263).

Allopsontus gen. n. *Machilidae, annandalei* **sp. n.** Indomalesia, SILVESTRI pp. 88–95 Boll. Lab. Portici **5.**

Assmuthia escherichii **sp. n.** Ceylon, in Nestern von *Termes*, SILVESTRI p. 406 Zool. Jahrb. Syst. **30.**

Atelura jacobsoni **sp. n.** in nidis *Termes malayanus* Java, SILVESTRI Boll. Lab. Zool. Portici **5** p. 62 2 figs.

Dilta **nom. n.** für *Teutonia* Verh., STRAND Entom. Ztg. Wien **30** p. 77.

Evalljapyx **gen. n.**, *sonoranus, propinquus, diversipleura, brevipalpus, furciger, euryhebdomus, heterurus, dolichoderus*, Nord-America, **spp. n.**, SILVESTRI p. 72–87 Boll. Lab. Portici **5.**

Grassiella praestans Silv., mirmecofila, Messico, SILVESTRI Boll. Lab. Zool. Portici **5** p. 188.

Heterojapyx victoriae **sp. n.** Australia, SILVESTRI Boll. Lab. Zool. Portici **5** p. 97 2 figs.

Hypomachilodes **gen. n.**, *texanus* **sp. n.** N. America, SILVESTRI pp. 324–350 Boll. Lab. Portici **5.**

Japyx diversiunguis, allodontus, **spp. n.,** SILVESTRI pp. 72–87 Boll. Lab. Portici **5.**

Japyx solifugus, habits, BONDROIT Ann. Soc. ent. Belgique **55** p. 8.

†*Klebsia* **g. n.,** *horrens* **sp. n.** Bernstein Deutschl., OLFERS p. 8 S.G.K. **48** 1907.

Lepidospora ceylonica **sp. n.** Ceylon, SILVESTRI Boll. Lab. Zool. Portici **5** p. 95 fig.

†*Lepisma jubatum* **sp. n.** Bernstein Deutschl., OLFERS p. 10 S.G.K. **48** 1907.

†*Lepismina stricta* **sp. n.** Bernstein Deutschl., OLFERS p. 10 S.G.K. **48** 1907.

†*Lepismodion* **g. n.,** *machilops* **sp. n.** Bernstein Deutschl., OLFERS p. 16 S.G.K. **48** 1907.

Machilellus **gen. n.** *Machilida, orientalis* **sp. n.** Indomalesia, SILVESTRI pp. 88–95 Boll. Lab. Portici **5.**

Machilellus mexicanus **sp. n.** N. America, SILVESTRI pp. 324–350 Boll. Lab. Portici **5.**

†*Machilis exilis, cineracea, cincta,* p. 12, *zebrina, chlamydophora, capito, signata,* p. 13, *boops, anableps,* p. 14, *exophthalmos, microphthalmos, palaemon,* p. 15, **spp. n.,** Bernstein Deutschl., OLFERS S.G.K. **48** 1907.

Machilis lefroyi Indomalesia **sp. n.** SILVESTRI pp. 88–95 Boll. Lab. Portici **5.**

Machilis strenua **sp. n.** N. America, SILVESTRI pp. 324–350 Boll. Lab. Portici **5.**

†*Machilodes* **g. n.,** *diastatica* **sp. n.** Bernstein Deutschl., OLFERS p. 11 S.G.K. **48** 1907.

Machiloides banksi **sp. n.** N. America, SILVESTRI pp. 324–350 Boll. Lab. Portici **5.**

†*Machilopsis* **g. n.,** *affinis* **sp. n.** Bernstein Deutschl., OLFERS p. 10 S.G.K. **48** 1907.

Macropsontus **gen. n.** *Machilidae, greeni* sp. n. Indomalesia, SILVESTRI pp. 88–95 Boll. Lab. Portici **5.**

Meinertellus jacobsoni **sp. n.** Indomalesia, SILVESTRI pp. 88–95 Boll. Lab. Portici **5.**

Mesomachilis **gen. n.,** *nearticus* **sp. n.** N. America, SILVESTRI pp. 324–350 Boll. Lab. Portici **5.**

†*Micropa* **g. n.,** *stylifera* **sp. n.** Bernstein Deutschl., OLFERS p. 9 S.G.K. **48** 1907.

Neomachilis **gen. n.,** *halophilus* **sp. n.** N. America, SILVESTRI pp. 324–350 Boll. Lab. Portici **5.**

†*Ocellia* **g. n.,** *articulicornis* **sp. n.** Bernstein Deutschl., OLFERS p. 7 S.G.K. **48** 1907.

Parajapyx grassianus Nord America **sp. n.,** SILVESTRI pp. 72–87 Boll. Lab. Portici **5.**

Petrobius californicus, superior, submutans, persquamosus, calcaratus, Nord America, **spp. n.,** SILVESTRI Boll. Lab. Portici **5** pp. 324–350.

COLLEMBOLA.

Entwicklung der Mundwerkzeuge von *Tomocerus plumbeus,* HOFFMANN Zool. Anz. **37** pp. 353–377.

†*Achorutes latidens* **sp. n.** Bernstein Deutschl., OLFERS p. 27 S.G.K. **48** 1907.

†*Anoura stricta* **sp. n.** Bernstein Deutschl., OLFERS p. 28 S.G.K. **48** 1907.

Calistocyrtus **gen. n.,** *indicus* **sp. n.** Bombay, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

Campylothorax ceylonicus **sp. n.** Ceylon, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

†*Catastylus* **g. n.,** *calcaratus, crassus, crassicaudatus, nasicornis,* **spp. n.,** Bernstein Deutschl., OLFERS p. 24 S.G.K. **48** 1907.

Corynephoria jacobsoni, Bau und Funktion der Dorsalkeule, HOFFMANN Zool. Anz. **38** pp. 382–391.

†*Cuculliger* **g. n.,** *longistylus* **sp. n.** Bernstein Deutschl., OLFERS p. 24 S.G.K. **48** 1907.

Cyphoderus dimorphus **sp. n.** ospite nel nido di *Trigona* Mexico, SILVESTRI Boll. Lab. Zool. Portici **5** p. 68 2 figs.

†*Degeeria robusta, jubata, signata, gracilis, obesa,* **spp. n.,** Bernstein Deutschl., OLFERS p. 20 S.G.K. **48** 1907.

Drepanura punctata Bombay, *uzeli* Ceylon, **spp. n.**, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

Entomobrya florulenta **sp. n.** Ceylon, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

†*Isotoma acuticauda, falcicaudata, larvata, hirta,* **spp. n.** Bernstein Deutschl., OLFERS pp. 25–26 S.G.K. **48** 1907.

Lepidocyrtus caeruleus **sp. n.** Ceylon, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

†*Lipura longipes* **sp. n.** Bernstein Deutschl., OLFERS p. 26 S.G.K. **48** 1907.

Neanura dubiosa **sp. n.** Ceylon, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

†*Omophora* **g. n.**, *tricuspidata* **sp. n.** Bernstein Deutschl., OLFERS p. 21 S.G.K. **48** 1907.

Oncopodura crassicornis **sp. n.** England, SHOEBOTHAM p. 34 pl. iii Ann. Nat. Hist. **8.**

†*Orchessella concolor* **sp. n.** Bernstein Deutschl., OLFERS p. 21 S.G.K. **48** 1907.

†*Palpigerida* **g. n.**, *longicollis, crassula,* **spp. n.**, Bernstein Deutschl., OLFERS p. 19 S.G.K. **48** 1907.

†*Palpigerina* **g. n.**, *sminthuroides, elongata,* **spp. n.**, Bernstein Deutschl., OLFERS p. 19 S.G.K. **48** 1907.

†*Papirius verrucosus, brevicaudatus,* **spp. n.**, Bernstein Deutschl., OLFERS p. 30 S.G.K. **48** 1907.

Peliolepisma **gen. n.**, *calva* **sp. n.** Ceylon, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

†*Polystylus* **g. n.**, *quinquecaudatus* **sp. n.** Bernstein Deutschl., OLFERS p. 24 S.G.K. **43** 1907.

Proisotoma ultonica **sp. n.** Antrim, CARPENTER p. 83 Irish Nat. **20.**

Pseudosira bidenticulata **sp. n.** Ceylon, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

Pterikrypta **gen. n.**, *sulcata fasciata,* Ceylon, **spp. n.**, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

†*Seira pachysceles* **sp. n.** Bernstein Deutschl., OLFERS p. 21 S.G.K. **48** 1907.

†*Sminthurus longipes, gracillimus, crassicaudatus, cristatus, longidens,* **spp. n.**, Bernstein Deutschl., OLFERS p. 29 S.G.K. **48** 1907.

Sminthurus parvulus, serratus, Ceylon, **spp. n.**, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

†*Stylonotus* **g. n.**, *lanuginosus* **sp. n.** Bernstein Deutschl., OLFERS p. 20 S.G.K. **48** 1907.

†*Triaenura* **g. n.**, *cornuta* **sp. n.** Bernstein Deutschl., OLFERS p. 26 S.G.K. **48** 1907.

†*Xenylla inermis* **sp. n.** Bernstein Deutschl., OLFERS p. 28 S.G.K. **48** 1907.

Xenylla pseudobrevicauda **sp. n.** Ceylon, RITTER Ann. Hofmus. Wien **24** pp. 379–398.

PROTURA.

Ueber die systematische Stellung der *Protura* Silvestri, RIMSKY-KORSAKOW Zool. Anz. **37** pp. 164–168.

Protura; Organisation, systematische Stellung, Vorkommen in Schweden, TRÄGÅRDH Entomol. Tidskr. **32** pp. 189–200.

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Protura; Anatomie (Russ. + deutsch. Rés.), RIMSKY-KORSAKOW St. Peterburg Trav. Soc. nat. C.r. séances **42** 1911 pp. 17–37 96–98 8 Textf.

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ERRATUM.

P. 241—delete altogether the first entry "*Lachnodiella*" etc.; it is correctly placed elsewhere.

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(GENERAL)

ARRANGED BY

D. SHARP

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Landrock, 1627; *Bolitophila* spp. n.

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†**Meunier, 1820**; Amber ins.

Rübsaamen, 2383; Deutsche Gallmücken und Gallen.

Rübsaamen, 2384; Deutsche Gallmücken und Gallen.

Schroeder, 1492; Pommern.

Thienemann, 2767; Dipterenheft der Süsswasserfauna Deutschlands.

Galli-Valerio & Rochaz de Jongh, 1017; *Phlebotomus papatasi*, im Kanton Waadt.

Kieffer, 1511; Luganer See, *Pelopia* sp. n.

Rougemont & Escher-Kündig, 2372; *Phytomyza* sp. n.

Böttcher, G., 253; *Sarcophaga* n. sp. Hungary.

Czižek, 642 & 644; *Tipula* sp. n. Mähren.

Landrock, 1628; *Mycetophilidae* Mährens.

Landrock, 1629; Mycetophiliden aus Mähren 6 spp. n.

Landrock, 1630; *Mycetophilidae* 4 spp. n.

Landrock, 1632; *Exechia* sp. n. Mähren.

Lundström, 1721; *Mycetophiliden* Ungarn, spp. n.

Oldenburg, 1994; Drei neue, Tirol.

Strobl, 2706; Die Dipteren von Steiermark, ii. Nachtrag.

Vimmer, 2895; *Diptera* Bohemiae.

Aphaniptera.

Dampf, 652; Westdeutschlands.

Dampf, 656; Estland *Aphaniptere.*

Jordan & Rothschild, 1440; Hungary *Ctenophthalmus* sp. n.

Wagner, 2938; Polar-Ural *Amphipsylla* sp. n.

Hemiptera.

Jensen-Haarup, 1393; Denmark, novelties, *Heteroptera* and *Cicadidae.*

Jensen-Haarup, 1394; Danish *Heteroptera* (Danish).

Goot, 1084; Verzeichnis der holländischen *Psyllidae.*

Goot, 1086; Verzeichnis der holländischen Cocciden.

Goot, 1087; Neue Niederländische *Aphididae.*

Gulde, 1153; Heteropteren-Fauna Deutschlands.

Haupt, 1188; Germany *Homopt.* 2 spp.

Hüeber, 1332; Deutschen *Plagiognatharia.*

Lindinger, 1692; *Aspidiotus* sp. n.

Meijere, 1801; *Hamamelistes* sp. n.

Schmidt, 2458; Pommern.

Schumacher, 2511; Mark Brandenburg; *Coreidae.*

Schumacher, 2512; sp. n. *Sciocoris*-Deutschland.

Schumacher, 2514; Lygaeidae, Pyrrhocoridae der Mark.

Schumacher, 2518; Zusammensetzung der Hemipteren-Fauna Nordwestdeutschland.

Schumacher, 2519; Ostfriesischen Inseln.

Schumacher, 2524; Homopteren, Oldenburg, Ostfriesland Insel Baltrum.

Schumacher, 2525; Oldenburg, Ostfriesland und Insel Baltrum.

Schumacher, 2527; Hemipteren Schlesiens.

Cholodkovskij, 534; Schweiz, Chermesiden (Russ.).

Sabransky, 2396; Hemipterenfauna Steiermarks.

Šulc, 2717; *Coccidae* Bohemiae.

Šulc, 2718; *Heliococcus* n. g. Böhmen.

Poppius, 2159; Krim *Systellonotus* sp. n.

Kiričenko, 1517; Kaluga, Heteroptera (Russ.).

Kiričenko, 1519; Krim, *Hemiptera-Heteroptera.*

Thysanoptera.

Karny, 1463; Austria *Haplothrix* sp. n.

Kurdĭumov, 1602; *Anthothrips* sp. n.

Plecoptera.

le Roi, 1674; Plecopteren Rheinland-Westfalen.

Handlirsch, 1174; Permischen Kupferschiefern der Kargala-Steppe sp. n.

Pseudoneuroptera.

Leonhardt, 1671; Frankfurt a. M.

Leonhardt, 1672; Ober-Elsass.

Kleiber, Mitt. Schweiz. ent. Ges. 12 pp. 67 and 68; *Boyeria irene* am Vierwaldstättersee.

Bartenev, 135; Krim, Odonata (Russ.).

Voroncovskij, 2914; Odonatenfauna der Umgebung von Orenburg.

Orthoptera.

Döderlein, 746; Elsass Heuschrecken.

La Baume, 1607; Dermaptera und Orthoptera Ostpreussens.

Leonhardt; Deutschland, Mainzer Becken. *Stenobothrus nigromaculatus* u. *Sphingonotus coerulans*; Ent. Zs. Frankfurt a. M. **26** p. 99.

Schirmer, 2445; Mark Brandenburg.

Schirmer, 2446; Einheimischer *Stenobothrus.*

Schirmer, 2448; Berlin.

Czižek, 643; *Paracaloptenus caloptenoides* Niederösterreich.

†**Handlirsch, 1173**; Insekten aus dem mittleren Oberkarbon des Königreiches Sachsen; gen. n. 5 spp. n.

Karny, 1453; Prenjgebiet *Platycleis.*

Werner, 3000; Orthopteren-Faunistik Oesterreichs.

Zottu, Bull. Soc. Bucarest **18** pp. 39–42; Roumania Orthopt. List.

Šugurov, 2715; ~~Crusion~~, *Oedipodidae* gen. n. sp. n. Georgia,

Aptera.

Absolon, 4; Gletscherflöhe in den niederösterreichischen Voralpen.

†**Olfers, 1995**; Thysanur im Bernstein.

Prell, 2177; *Eosentomon*, sp. n.

†**Silvestri, 2585**; Thysanuren des baltischen Bernsteins; 2 n. spp.

(f) France.

Insecta, collectively.

Picard, 2122; Coléoptères et Hyménoptères du midi.

Loiselle, 1698; Deux nouveaux insectes Cécidogènes.

Coleoptera.

Antessanty; Aube; Troyes Mém, soc. Acad. **75** p. 60.

Barthe; nouvelle pour la faune française; Miscell. entom. **20** p. 17.

Bedel, 166; Seine *Scarabaeidae.*

Bourgeois, 300; Catalogue Vosges.

Buysson; Elatérides de Saône-et-Loire.

Caillol; Capture en Provence d'une espèce de Silphide nouvelle pour la France; Marseille Bul. soc. linn. pp. 173–178.

Caillol; Capture d'un Coléoptère nouveau pour la Provence; Marseille Bul. soc. linn. **4** pp. 201–202.

Deville, 705 & 706; Wimereux.

Deville, 709; *Amaurops* nouveau.

Falcoz, 890; Dévoluy Hautes-Alpes.

Falcoz; *Philonthus spermophili* et *Henoticus serratus*; Lyon Ann. soc. linn. **59** pp. 93–97.

Grouvelle, 1142; *Meligathes* nouveau.

Hustache, 1345; Deux Curculionides nouveaux.

Lienhart, 1685; Mares salées de Lorraine.

Pic, 2098; Catalogue Saône-et-Loire.

Pionneau; Note sur les Coléoptères intéressants du sud de la France; Miscell. entom. **20** p. 18.

Hymenoptera.

Lichtenstein; Feuille jeunes natural **42** p. 104.

Lepidoptera.

Ashby pp. 15–17 Ent. Rec. **24**; France etc., trip.

Bethune-Baker, Ent. Rec. **24** pp. 67–71; Digne trip.

Bethune-Baker, Ent. Rec. **24** pp. 117–121; Cevennes trip.

Bethune-Baker Ent. Rec. **24** pp. 150 etc.; Gavarnie trip.

Duclos; Capture du *Lophopteryx carmelita*; Rouen Bul. soc. sci. nat. **46** 1911 p. 29.

Gurney; Entomologist **45** p. 96 etc.; Digne *Rhopalocera.*

Homberg, 1280; *Acidalia* sp. n.

Joannis, 1398; Microlépidoptères cécidogènes 2 spp. n.

Pearson; Ent. Rec. **24** pp. 96–99; Alps, Dauphiné, trip.

Picard, 2123; France Teigne des pommes de terre.

Picquenard, 2125; Finistère.

Rowland-Brown, Entomologist **45** p. 333; *Erebia melampus.*

Rowland-Brown, Entomologist **45** pp. 56–62; Gavarnie *Rhopalocera.*

Rowland-Brown, Entomologist **45** pp. 14–17; Charente-inférieure *Rhopalocera.*

Neuroptera.

Lacroix, 1610 & 1611; Neuroptères de France.

Diptera.

Lesne; *Phlebotomus papatasi* en Bourgogne; Bull, soc ent France **1912** p. 410.

Hemiptera.

Lambertie, 1621.

Lambertie, 1622; Nouveaux ou rares de la Gironde.

Peneau, 2055; Notules.

Psocoptera.

Enderlein, 858; Neue Gattung.

Orthoptera.

Cadro; Mante religieuse dans le Pas-de-Calais; Feuille natural. Paris **42** 1912 p. 24: Id. A. **Gasser** T.c. 35: **Smits** p. 52.

Chopard; Contribution à l'étude des Orthoptères de France; France Bull. soc. ent. **1912** pp. 384–386.

Hay, 1191; *Tetrix.*

(*g*) South Europe and Mediterranean Basin.

Insecta, collectively.

Navás, 1935; Granada 4 spp. n. *Baetis, Sympherobius, Aleuropteryx, Peripsocus.*

Cobelli; Trentino, *Biorrhiza* and *Boreus*; Zs. wiss. Insektenbiol. **8** p. 112.

Navas, 1924; Névroptères, s.l., de Corse.

Morton, 1888; Bouches du Rhone and Sierra Albarracin.

Jeannel & Peyerimhoff, 1390; Maroc oriental.

Royer, 2374; Beni-Swassen.

Coleoptera.

Apfelbeck, 49a; Balkan penins. spp. n.

Bondroit, 268; *Stenus*, spp. n.

Wagner, 2932; *Apion* 2 spp. n.

Cameron, 471; Portugal *Vesperus* sp. n.

Csiki, 632a; Balkans *Hylaia* sp. n.

Bolívar, 263; Spain *Broscus* sp. n.

Escalera, 875; Spain *Asida* 2 spp. n.

Fuente, 1004; Spain *Ochodaeus* sp. n.

Lauffer, 1637; *Dorcadion* of Spain 3 spp. n.

Pic; Un *Malachius* d'Espagne inconnu; Bull. Soc. ent. France **1912** p. 392.

Reitter, 2261; *Gastrallus* sp. n. Barcelona.

Bernhauer, 206; Sicily *Zyras* sp. n.

Bondroit, 269; Italy *Stenus* sp. n.

Della Beffa, 683; Coccinellidae italiani, revisione.

Della-Beffa, 684; Coleotteri della Valle di Susa (Piemonte).

Della-Beffa, 685; Valle del Maira Piemonte.

Della Beffa e Gagliardi, 686; Toscana.

Eggers, 820; Sicilia *Scolytidae* 3 spp. n.

Fiori, 936; Italy *Malthodes* sp. n.

Fiori, 937; topografiche italiane.

Mancini, 1756; *Anophthalmus* sp. n.

Ragusa, 2224; Sicilia.

Roubal, 2368; Sicily *Cryptocephalus* sp. n.

Vitale, 2903; Sicilia, *Cicindela.*

Vitale, 2903; Sicilia *Carabidae.*

Bedel, 163; *Liosoma* de Corse.

Sainte-Claire Deville, 710; Catalogue Corse.

Eggers, 818; Sardische Borkenkäfer.

Krausse, 1566; Sardinien.

Krausse-Heldrungen, 1570; Gennargentugebirge Sardinien.

Reitter, 2254; Sardinia *Rhinosimus* n. sp.

Strohmeyer, 2708; Sardinien *Dryocoetes* sp. n.

Cameron, 470; Malta *Trogophloeus* sp. n.

Depoli, 696; *Dorcadion* Liburnia, spp. n.

Formánek, 962; *Torneuma* sp. n. Dalmatien.

Karaman e **Novak, 1448**; Dalmatia.

Matits, 1791; *Bembidium* n. sp. Serbien.

Reitter, 2264; *Bacanius* sp. n. Dalmatien.

Reitter, 2265; *Cryptophagus* sp. n. Dalmatien.

Reitter, 2269; *Raymondionymus* sp. n. Dalmatien.

Reitter, 2271; *Silphidae* n. gen. Bosnien.

Schatzmayr, 2424; Valle d'ospo.

Holdhaus, 1266; des Monte Gargano, der Adriatisfrage.

Gridelli, 1115; escursioni Küstenland.

Müller, 1907; *Athous* der ostadriatischen Provinzen.

Meyer, 1827; Des Karstgebietes bei Fiume.

Heyrovský, 1250; *Oedemeridae* Bulgariens.

Penecke, 2057; *Mycetochara* und *Rhagonycha* spp. n. Bulgarien.

Reitter, 2268; *Athous* sp. n. Bulgarien.

Reitter, 2263; *Alophus rhodopensis* sp. n.

Müller, 1905; *Athous* Karstprovinzen Dalmatien.

Krekich-Strassoldo, 1572; *Anticidi* del litorale e della Dalmazia.

Cameron, 468; Turkey *Xantholinus* sp. n.

Wagner, 2934; *Stomodes* 2 spp. n. Rumänien and Griechenland.

Bickhardt, 229; Algier *Saprinus* sp. n.

Daniel, 659; deux nouveaux du nord de l'Afrique.

Grouvelle, 1140; *Cryptophagus* nouveaux d'Algérie.

Grouvelle, 1141; *Brachyleptus* nouveaux d'Algérie et de Tunisie.

Lesne et **Orbigny, 1679**; Mauritanie.

Normand, 1967; *Cephennium* du nord africain.

Normand, 1968; faune tunisienne *Stenichnus* spp. n.

Obenberger, 1977; N. Africa *Anthaxia* 2 spp. n.

Peyerimhoff, 2082; phytophages du nord africain 2 spp. n.

Pic, 2101; Maroc 2 spp. n.

Hustache, 1344; *Nargus* sp. n. Syria.

Reitter, 2258; *Otiorrhynchus* sp. n. Kleinasien.

Reitter, 2261; *Tanatophilus* sp. n. Russ. Armenien.

Hymenoptera.

Emery, 835; Der Wanderzug der Steppen- und Wüstenameisen von Zentral-Asien nach Süd-Europa und Nord-Afrika.

Mantero, 1762; Cinipidi di Liguria.

Mercet, 1812; Spain *Aphelinus* sp. n.

Mercet, 1813 & **1814**; Spain *Prospaltella* sp. n.

Mercet, 1815; Spain *Mymaridae* 2 spp. n., gen. n.

De Stefani Perez, 700; Sicily *Cynips* sp. n.

Krausse, 1564; sardische Ameisen.

Du Buysson, 774; *Chrysidae* nouveaux Maroc.

Ferton, 927; nouveaux d'Algérie.

Karavajev, 1449; Formiciden Italien, Nord-Afrika.

Krausse, Wien. ent. Zeit. **31** p. 250; *Formica fusca glebaria* Sardinien.

Morley, 1884; Cyprus *Metopius* sp. n.

Pagnetti-Hummler, 2029; Apiden Corfu.

Santschi, 2408; Nouvelles Fourmis de Tunisie.

Santschi, 2409; Formicides l'Afrique mineure.

Santschi, 2410; Mauritanie occidentale.

Schmiedeknecht, 2465; gen. n. *Ichneum.* Tunis.

Smits van Burgst, 2622; Tunesian Ichneumonidae, 5 spp. n.

Stauder, 2646; algerischen Formiciden.

Turner, 2827; Haut-Kharoum *Stizus* sp. n.—**Turner, 2830**; Mogador *Gorytes* sp. n.

Pérez, 2059; Mellifères spp. n. Syrie.

Strand, 2680; Syria *Iphiaulax* spp. n.

Zavattari, 3243; Sardegna.

Lepidoptera.

Rebel, 2238; *Piletocera aegimiusalis* Mediterrangebiet.

Warren, 2958; *Leptosia* sp. n.

Mendes, 1810; Portugal S. Fiel annotated list.

Codina, Boll. soc. Aragon **10** pp. 113–117; Catalonia short annotated list.

Fernández, 925; Sierra de Jaen list.

Gervais d'Aldin, 1035; Andalousie.

Ribbe, 2297; Andalusien.

Wagner, 2927; Reise nach Andalusien.

Woodward, Ent. Rec. **24** pp. 172–174; Gibraltar.

Barrett, Entomologist **45** p. 231 etc.; Messina trip.

Harrison, 1181; Italy *Ithysia* sp. n.

Lepidotteri del Piemonte; **Rocci, 2329.**

Rhopalocera et *Sphinges* faunae romanae; **Rostagno, 2346.**

Rostagno, 2347; Bombyces faunae romanae.

Turati, 2817; Sicilia 7 spp. n.

Turati & Verity, 2819; *Heterocera, Microlepidoptera, Rhopalocera* Alpi marittime.

Turati, 2816; Sardinia 4 spp. n., *Noctuidae* and *Ocneria.*

(N–9210 *j*)

Rebel, 2236; Korfu.

Rebel, 2233; Monte Maggiore Istrien.

Schawerda, 2429; Bosniens und Herzegowina.

Buxton, T. A. & **Buxton,** D. A. J., Ent. Rec. **24** pp. 59–63; Greece trip.

Meyrick, 1835; Greece *Acrocercops* sp. n.

Drenowsky, 760; höchsten Teiles des Zentral-Balkans.

Graves, Ent. Rec. **24** pp. 293 & 294; Constantinople notes.

Draudt, 759; neue Acidalien Aegypten.

Emmerich-Hoegen, *Glottula pancratii* Tunis; Intern. ent. Zs. **6** p. 274.

Herzog, 1237; Berichtigung Aegypten und Syrien.

Holl, *Piérides* Notes; Alger Bul. soc. sci. nat. **4** p. 176–180.

Holl, 1269; Microlépidoptères algériennes.

Holl, 1270; Notes.

Holl, 1271; *Zygaena* d'Alger.

Le Cerf, 1647; Mauritanie.

Oberthür, 1981; *Hybocampa* sp. n. algérien. Paris.

Oberthür, 1982; Algeria *Augiades* sp. n.

Rebel, 2232; Unter-Aegyptens spp. n.

Rothschild, 2357; Algeria *Lambessa* sp. n.

Rothschild, 2360; Algeria spp. n., *Lymantria, Noctuidae* and *Geometridae.*

Turati, *Tæniocampa witzenmanni* en Algérie et en Sardaigne. Paris Bul. soc. ent. **1912** p. 414–417 av. fig.

Bang-Haas, 106; Syria *Dolbina* sp. n.

Chapman, 513; Lebanon *Agriades* sp. n.

Culot, 637; Liban *Syntomis tricingula.*

Meyrick, 1837; Asia minor and Algeria *Adelidae* spp. n.

Meyrick, 1839; Asia minor spp. n.

Neuroptera.

Andréu, 37; Spain *Boriomyia* sp. n.

Lacroix, 1612; Algérie et Tunisie 2 spp. n.

Navás, 1915; Syria *Solter* sp. n., Atlas *Neuroleon* etc., Egypt spp. n.

Navás, 1916; genn. and spp. n.

Navás, 1917; *Chrysopa* sp. n.

Navás, 1920; Egypt *Nesoleon* sp. n.

Navás, 1926; Algérie spp. n.

Navás, 1933; Algeria *Nelees* sp. n.

Petersen, 2075; Corsica.

Diptera.

Andréu, 38; Spain *Tipulidae.*

Arias, 50; Spain *Asilus* sp. n.

Arias, 51; Spain Additions.

Becker, 158; Pyrenäen *Phoridae* gen. n.

Escobet, 836; Spain, Catalogue.

Villeneuve, 2886; *Sarcophaga* n. sp. Greece.

Newstead, 1955; Malta *Phlebotomus* sp. n.

Kertész, 1489; Creta gen. n. *Acalyptratae.*

Alexander & Leonard, 27; Ile Djerba *Geranomyia* sp. n.

Becker, 161; *Thereviden* gen. n. 2 spp. n. Aegypten.

Bezzi, 218; liste des Asilidés de la Tunisie.

Weiss, 2993; Djerba *Phora chlorogastra.*

Kertész, 1490; *Glabellula* n. sp. Asia minor.

Aphaniptera.

Jordan & Rothschild, 1439; Portugal *Palaeopsylla* sp. n.

Jordan & Rothschild, 1442; Algeria spp. n.

Krausse-Heldrungen, 1571; Sardische Flöhe.

Hemiptera.

Bergevin; Biskra *Vibertiola cinerae*; Bull. Soc. Alger **1911** p. 126.

Bueno Bol. Soc. Aragon **10** pp. 184–186 & 195–203; Spain list.—**Bueno** op. cit. **11** pp. 169–174; Catalonia short list.

MacGillavry, 1741; *Heteroptera* Corsika.

Poppius, 2155; *Heteroptera* Algier.

Reuter & Poppius, 2288; Egypt and Aden *Termatophylidae* gen. n.

Schumacher, 2521; Rhynchoten von der Insel Cypern.

Trabut, 2797; Catalogue cochenilles, Algérie.

Isoptera.

Silvestri, 2591; Tunis genn. & spp. n.

Pseudoneuroptera.

Bartenev, 133; Montenegro.

Orthoptera.

Ebner, 802; Griechenland.

Krauss, 1568; Sardinien.

Krausse-Heldrungen, 1569; Dermapteren auf Sardinien.

Aptera.

Silvestri, 2592; Portici *Campodeidae* spp. n.

(h) Caucasus, West & Centr. Asia.

Insecta, collectively.

Zaicev, 3238; Spätherbstfauna von Abchasien (Russ.).

Coleoptera.

Demaison, 687; notes Asie mineure.

Fleischer, 938; *Dyschirius* sp. n. Taschkent.

Kerremans, 1482; Caucasus and Persia *Sphenoptera* sp. n.

Kožan ikov, 1562; Transcaspius, *Aphodiini* spp. n.

Lamecre, 1625; Bagdad *Prionus* sp. n.

Ohaus, 1985; Arabia *Adoretini* sp. n.

Petri, 2078; *Lixus* n. sp. Turkestan.

Reitter, 2257; *Myiodes* sp. n. Transkaukasus.

Reitter, 2259; *Malegia* spp. n.

Reitter, 2260; *Neobaris* sp. n. Transkaukasien.

Roubal, 2366; Kaukasus *Lesteva* sp. n.

Roubal, 2367; spp. n. Kaukasus.

Sumakov, 2724; Russisch-Mittelasien.

Suvorov, 2737; Alashan *Neodorcadion* spp. n.

Hymenoptera.

Kokujev, 1552; Turkestan, *Ichneumonidae* spp. nn.

Kokujev, 1553; Kreis-Aresch, *Vespidae, Apidae, Fossores, Parasitica,* spp. n.

Mocsáry, 1858; Caucasus *Chrysis* spp. n.

Mocsáry, 1858; Arabia *Chrysis* sp. n.

Semenov, 2547; Transcaucasia, Mongolia, etc., *Chrysididae* spp. n.

Lepidoptera.

Burrows, 450; Turkestan *Hydroecia* sp. n.

Čugunov, 633; Kuznecki-Alatau.

Jachontov, 1365; Kaukasische Arctiiden.

Krulikovskij, 1583; Centralasiens.

Miller, 1846; *Lycaenidae* 2 spp. n. Transkaukasien.

Pagenstecher, 2028; *Parnassius apollo,* Kaukasien.

Prout, 2181; Sokotra *Eucrostes* sp. n.

Neuroptera.

Navás, 1928; W. Asia *Myrmecaelurus* sp. n.

Navás, 1920; Muscat.

Navás, 1930; Kaukasus gen. n. *Panorpatae.*

Diptera.

Becker & Stein, 160; Persien spp. nn.

Aphaniptera.

Dampf, 657; Kaukasus, *Ischnopsyllus* sp. n.

Hemiptera.

Kiričenko, 1520; Turkestan, Buchara, Transcaspia Hemiptera-Heteroptera spp. nn.

Poppius, 2163; Neue Miriden.

Pseudoneuroptera.

Bartenev, 137; Odonaten des Tifliser Museums (Russ.).

Bartenev, 138; Transkaukasien spp. n. (Russ.).

Orthoptera.

Burr, 441; *Kalocrania* sp. n.

Burr, 445; Collecting, Caucasus and Transcaucasus.

Ebner, 801; Mesopotomier 2 spp. n.

Šugurov, 2716; Pontische Küste des Kaukasus.

Uvarov, 2846; Transcaspiens, spp. n.

Uvarov, 2847; Kaukasische *Psorodonotus* sp. n.

Uvarov, 2848; Turkestan, g. n., *Platycleis* sp. n.

Africa.

Insecta, collectively.

Houard, 1313; Zoocécidies du nord de l'Afrique.

Howard, 1324; Mozambique injurious insects.

Schouteden, etc., 2485; spp. n.

Simpson, 2600; S. Nigeria malevolent insects.

Coleoptera.

Alluaud, 32; *Carabomorphus* spp. n.

Aurivillius, 69; Abyssinie et l'Afrique orientale *Curculionidae* spp. n.

Bernhauer, 208; Staphyliniden.—**Bernhauer, 213**; Neue Staphyliniden.

Bickhardt, 229; *Histeridae* spp. n.

Bolkay, 264; *Anisognathus* sp. n.

Boppe, 272; Ce rambycides nouveaux l'Afrique et de Madagascar.

Cameron, 469; Red Sea *Bledius* sp. n.—**Cameron, 472**; Massowah *Scopaeus* sp. n.

Chatanay, 519; *Lichenum* du Sénégal.—**Chatanay, 521**; genre nouveau *Caediaires.*

Clavareau, 542; *Criocerides* spp. n.—**Clavareau, 544**; *Corynodes* spp. n.

Dupuis, 784; *Cyclosomus* sp. n.

Eichelbaum, 823; Kilimandjaro zwei *Philonthus* spp. n.

Fleutiaux, 941; *Eucnemidae* spp. n.

Gebien, 1023; *Tenebrionidae.*—**Gebien, 1024**; *Tenebrionidae* spp. n.

Gestro, 1038; Uganda *Hispidae* spp. n.—**Gestro, 1040**; Uganda *Ichthyurus* spp. n.—**Gestro, 1042**; Somali *Paussus* sp. n.

Grouvelle, 1137; Congo *Nitidulidae* and *Colydiidae* spp. n.—**Grouvelle, 1139**; *Aphanocephalus* sp. n.

Hagedorn, 1158; Ipiden 3 spp. n.—**Hagedorn, 1159**; Neue Borkenkäfergattungen und Arten.—**Hagedorn, 1160**; *Scolytidae* spp. n.

Hintz, 1255; *Crossotidae* spp. n.—**Hintz, 1256**; Cerambyciden spp. n.

Horn, 1294; *Cicindelinae.*

Janson, 1383; *Cetoniidae* spp. n.

Jeannel, 1387; *Carabomorphus* sp. n.

Jordan, 1434; *Anthribidae* list, *Deuterocrates* sp. n., *Litotropis* sp. n.—**Jordan, 1438**; *Cylindroides* sp. n.

Kerremans, 1482; *Buprestidae* 2 spp. n.—**Kerremans, 1483**; *Buprestidae* spp. n.—**Kerremans, 1485**; *Buprestidae.*

Kolbe, 1556; Phaeochroinen sp. n.

Kuntzen, Heinrich, 1591; *Nerissini* spp. n.—**Kuntzen, 1592**; *Uhelia* sp. n.—**Kuntzen, 1594**; *Ennodius* sp. n.

Lesne, 1675; *Bostrychopsis* sp. n.

Marshall, 1768; 3 spp. n., *Azya* and *Cryptognatha.*—**Marshall, 1769**; *Curculionidae* gen. n.

Möllenkamp, 1861; *Metopodontus* sp. n.

Lewin, 1681; *Blepharida* sp. n.

Lewis, 1682; *Histeridae* 3 spp. n.

Moser, 1892; Cetoniden spp. n.

Ohaus, 1985; *Adoretini* spp. n.—**Ohaus, 1988**; abessynische Ruteliden spp. n.—**Ohaus, 1990**; *Popillia* sp. n.

d'Orchymont, 2006; *Neohydrophilus* sp. n.

Petri, 2079; *Gasteroclisus* spp. n.

Pic, 2107; *Idgia* sp. n.

Prell, 2173; Africa *Cyphonistes* spp. n.—**Prell, 2174**; *Dynastini* spp. n.

Sampson, 2404; Uganda *Xyleborus* 2 spp. n.

Schmidt, 2451; *Coprini* spp. n.

Sicard, 2575; **Sicard, 2577**; Coccinellidy spp. n.—**Sicard, 2578**; *Coccinellidae* spp. n.—**Sicard, 2580**; *Coccinellidae* spp. n.—**Sicard, 2581**; 2 spp. n. *Chilocorus* and *Caria.*

Spaeth, 2631; Ostafrikanische Cassiden.—**Spaeth, 2632**; *Cassidae* spp. n.

Strohmeyer, 2707; *Periommatus* 13 spp. n.—**Strohmeyer, 2709**; Neue Platypodiden.

Wagner, 2931; *Apion* spp. n.

Wasmann, 2961; Myrmekophilen spp. n.—**Wasmann, 2966**; *Mimanomma* neuer Dorylinengast.—**Wasmann, 2967**; Myrmekophilen spp. n.

Weise, 2989; *Chrysomelidae* spp. n.—**Weise, 2991**; *Coccinellidae* spp. n.—**Weise, 2992**; *Chrysomelidae* spp. n.

Hymenoptera.

Andrieu & Vuillet, 42; *Vipio* sp. n.

Bingham, 231; *Fossoria* spp. n.—**Bingham, 231**; spp. n., *Notogonia, Odynerus, Prosopis, Halictus, Ceratina.*

Brauns, 315; Zusätze und Berichtigungen zu Dr. H. Frieses „Die Bienen Afrikas".—**Brauns, 316**; Bienen Afrikas.

Cameron, 473; Congo many spp. n.

Crawford, 615; *Anastatus* sp. n.—**Crawford, 616**; *Chalcididae* spp. n.

De Stefani Perez, 701; *Chalcididae* gen. n.

Emery, 827; *Myrmicinae* spp. n.—**Emery, 833**; *Formicidae.*

Enderlein, 839; *Spathiinae* spp. n.—**Enderlein, 840**; *Eubadizon* sp. n.—**Enderlein, 841**; *Alysia* sp. n.—**Enderlein, 845**; *Evania* sp. n.

Enslin, 873; *Tenthredinidae* spp. n.

Friese, H., 979; Bienen Süd-Afrikas. —**Friese, 982**; *Trigona* sp. n.

Ghigi, 1044; *Osprynchotus* spp. n.

Hedicke, 1193; Cynipiden gen. n.

Kieffer, 1501; Cynipides et Béthylides de l'Afrique du Sud.—**Kieffer, 1502**; deux nouveaux Chalcidides.

Maidl, 1745; *Xylocopa* 6 spp. n.

Meade-Waldo, 1797; *Megachile* 3 spp. n.

Mocsáry, 1857 & **1858**; *Chrysis* spp. n.

Morley, 1884; *Ichneumonidae* spp. n.

Santschi, 2411; *Formicidae* spp. n.—**Santschi, 2413**; *Carebara* spp. n.—**Santschi, 2414**; *Crematogaster* 2 spp. n.

Schulthess Rechberg, 2497; *Vespidae* 2 spp. n.—**Schulthess-Rechberg, 2498**; *Belonogaster* nov. sp.

Strand, 2673; Neue afrikanische *Sphecodes* und *Ceratina* spp. n.

Strand, 2678; Betr. H. Friese.—**Strand, 2688**; 2 neue *Nomia*. **Strand, 2690**; Süd-Kamerun und Spanisch-Guinea, *Trigonalidae* genn. n.—**Strand, 2691**; Kamerun und Spanisch-Guinea Bienen spp. n.—**Strand, 2692**; *Nomia* spp. n.—**Strand, 2702**; Neue und *Eriades*, *Steganomus* und *Prosopis*, spp. n.

Szabó, 2749; *Epitritus* sp. n.

Turner, 2825; *Elis* spp. n.—**Turner, 2827**; Stizus 5 spp. n.—**Turner, 2828** & **2830**; *Fossoria* spp. n.—

Lepidoptera.

Sokotra *vide* W. Asia Lepidoptera.

Aurivillius, 70; *Diestogyna* spp. n.

Druce, 761; *Parnara* sp. n.—**Druce, 762**; *Mimacrea* 2 spp. n.—**Druce, 763**; *Lycaenidae* 2 spp. n., gen. n.—**Druce, 765**; *Ophiusinae* 5 spp. n.—**Druce, 766**; Cameroons *Ommatothelxis* sp. n.

Eltringham, 826; *Acraea* monograph, 2 spp. n.

Grünberg, 1146; *Rhopalocera* spp. n.

Hampson, 1167; *Pyraustinae* spp. n.—**Hampson, 1168**; *Agaristidae* 4 spp. n.—**Hampson, 1169**; *Noctuidae* spp. n.

Le Cerf, 1649; Afrique orientale spp. n.—**Le Cerf, 1652**; Afrique orientale gen. n. *Aegeriidae*.—**Le Cerf, 1655**; *Papilio* sp. n.

Mendes, 1811; list.

Meyrick, 1833; *Microlepidoptera* 45 spp. n.—**Meyrick, 1839**; spp. n., genn. n.

Neave, 1938; *Pseudacraea* sp. n.

Neustetter, 1949; *Cymothoë* sp. n.

Prout, 2180; Rhodesia *Zamarada* spp. n.—**Prout, 2181**; *Hemitheinae* spp. n.

Rebel, 2234; *Usta* sp. n.

Rothschild, 2358; *Balacra* spp. n.—**Rothschild, 2362**; *Lithosianae* spp. n.

Rothschild & **Jordan, 2364**; *Sphingidae* spp. n.

Schouteden, 2482; *Cymothoe* sp. n.

Schultze, 2499; neue Lipteniden.—**Schultze, 2500**; Fünf neue *Mimacraea*-Formen.—**Schultze, 2501**; Rhopaloceren spp. n.

Standfuss, 2642; *Taeniocampa* n. sp. Algier.

Strand, 2670; Kamerun spp. n.—**Strand, 2674**; Tagfalter und Schwärmer, Abessynien.—**Strand, 2675**; *Bunaea* sp. n.—**Strand, 2676**; Westafrikanische *Danaidae*, *Satyridae*, *Nymphalidae*, *Notodontidae* und *Drepanidae*.—**Strand, 2677**; Mkatta und Morogoro Deutsch Ost-Afrika, spp. n.—**Strand, 2679**; *Glyphodes* spp. n.—**Strand, 2681**; Süd-Kamerun und Spanisch-Guinea, *Saturniidae*, *Brahmaeidae*, *Striphnopterygidae*, *Sphingidae*, *Notodontidae*, *Syntomidae*, *Hypsidae* und *Agaristinae* spp. n.—**Strand, 2682**; Süd-Kamerun und Spanisch-Guinea *Lasiocampidae* genn. & spp. n.—**Strand, 2683**; *Lithosiinae* spp. n.—**Strand, 2684**; Novitäten *Lasiocampidae* und *Lymantriidae*.—**Strand, 2685**; Süd-Kamerun und Spanisch-Guinea, spp. n.—**Strand, 2687**; sp. n. *Lobobunaea*.

Strand, 2689; neue Notodontidengattung.—**Strand, 2693**; *Eustrotia* sp. n. Gross-Namaland.—**Strand, 2695**; Zur Kenntnis *Rigema* spp. n.

Trimen, 2800; *Neptis* sp. n.

Zerny, 3247.

Trichoptera.

Ulmer, 2842; *Trichopteren.*

Neuroptera.

Klapalek, 1530; Ägyptischen Sudan und Nord-Uganda 2 spp. nn.

Navás, 1915; spp. n. *Ascalaphides Myrmeleonides.*

Navás, 1916; genn. et spp. n.

Navás, 1917; *Chrysopidae* and *Hemerobiidae* spp. n.

Navás, 1920; *Myrmeleonidae* many spp. n.; **1922**, 3 spp. n.

Navás, 1925; Névroptères nouveaux ou critiques.

Navás, 1928; spp. n.

Navás, 1932; spp. n. *Ascalaphidae, Myrmeleonidae, Chrysopidae.*

Navás, 1933; *Myrmeleonidae* spp. n.

Navás, 1934; spp. n.

Petersen, 2073; 2 spp. n.

Soldanski, 2629; Süd-Kamerun und Spanisch-Guinea *Ascalaphiden.*

Stitz, 2666; *Palpares* spp. n.

Diptera.

Alexander, 18; *Tipulidae* 2 spp. n.

Austen, 75, 76, 77, 78; *Tabanidae* spp. n.—**Austen, 79**; E. Africa *Stygeromyia* sp. n.—**Austen, 80**; *Ceratopoginae* spp. n.—**Austen, 81**; *Tabanidae* 11 spp. n.—**Austen, 82**; *Hippobosca* sp. n.

Becker, 155; *Chloropidae,* Monographie gen. et spp. n.

Bezzi, 220; *Syrphidae* spp. n.—**Bezzi, 223**; *Bombyliidae* spp. n. gen. n.—**Bezzi, 225**; *Museidae Tachinidae* 8 spp. n.

Carter, 489; *Tabanus* 3 spp. n.

Edwards, 806; *Kelloggina* sp. n.—**Edwards, 808**; Culicidae revision, spp. n.

Enderlein, 838; *Sciarinae* gen. n.—**Enderlein, 853**; spp. n. *Phoridae.*—**Enderlein, 863**; Transvaal *Limonia* sp. n.—**Enderlein**; Loxoneurinen und Ortalinen.—**Enderlein, 867**; *Psilocephala* sp. n. Transvaal.

Gedoelst, 1027; *Oestridae* 2 spp. n.

Grünberg, 1144; *Glossina* sp. n.

Hendel, 1220; 2 spp. n., *Trigonometopus* and *Meracanthomyia.*

Kieffer, 1506; *Cecidomyiidae* 2 genn. n.

Kröber, 1577; *Therevidae* spp. n.

Malloch, 1749; *Phoridae* sp. n.

Meunier, 1822; Zanzibar copal *Chironomus* spp. n.—**Meunier, 1824**; *Chironomidae* Copal de Zanzibar et de Madagascar.

Neave, 1937; blood-sucking, annotated list.

Newstead, 1953; *Glossina* sp. n.—**Newstead, 1954**; *Phlebotomus* 2 spp. n.

Pittaluga, 2144; *Oecacta* sp. n.

Rodhain & Bequaert, 2330; *Oestridae* 2 spp. n.

Roubaud, 2370; Stomoxydes.

Simpson, 2599; Nigeria, blood-sucking *Diptera.*

Speiser, 2637; *Chrysops* sp. n.

Surcouf, 2733; Tabanides de la Sangha.

Theobald, 2759; *Culicidae* spp. n.

Ziemann, 3251; Verbreitung der blutsaugenden Tiere in Kamerun.

Aphaniptera.

Watertson, 2976; *Ctenophthalmus* sp. n.

Hemiptera.

Aulmann, 65; Psylliden spp. n.—**Aulmann, 66**; *Chlorita* n. sp.

Bergroth, 179; 9 spp. n.—**Bergroth, 180**; *Coreidae* spp. n.—**Bergroth, 181**; *Tingitidae* 2 spp. n.—**Bergroth, 185**; *Cenaeus* spp. n. Guinea.

Brain, 309; Cape Town, *Pseudococcus* spp. n.

Breddin, 319; *Henicocephalus* sp. n., *Reduviidae* gen. n.

Distant, 724; *Cicadidae* spp. n.—**Distant, 725**; 6 spp. n. *Pentatomidae* and *Reduviidae.*—**Distant, 727**; *Bathycoelia* 2 spp. n.—**Distant, 728**; Liberia *Platypleura* sp. n.

Horvath, 1299; *Tingitidae* 2 spp. n., gen. n.

Jacobi, 1370; Homoptera spp. n., genn. n.

Jeannel, 1388; Réduvide troglophile nouveau de l'Afrique orientale.—**Jeannel, 1389**; Nouveau *Macrospongus*, Mozambique.

Jordan, 1428; *Polyetenidae* gen. n.

Jordan & Rothschild, 1441; 1 gen. n. *Clinocoridae*.

Lallemand, 1618; *Cercopidae* spp. n.

Melichar, 1808; *Delphacinarum* n.g. n. sp.

Montandon, 1869; *Macrocoris* spp. n.

Montandon, 1870; *Laccotrephes* 2 spp. n.

Morstatt, 1886; *Ploiariola* sp. n.

Newstead, 1957; African Coccidae spp. n.

Reuter, 2286; Fernando Po *Reduviolus* sp. n.

Rothschild, 2352; gen. n. *Cimicidae*.

Schmidt, 2454; *Falgoridae* spp. n.—**Schmidt, 2455**; Zwei neue Tettigometriden-Gattungen.—**Schmidt, 2457**; *Fulgoridae* spp. n. genn. n.—**Schmidt, 2459**; *Cercopidae* spp. n.

Schouteden, 2478; *Coreidae* spp. n.—**Schouteden, 2479**; *Antestia* 2 spp. n.—**Schouteden, 2483**; *Coreidae* spp. n. —**Schouteden, 2486**; spp. n.

Schumacher, 2515; Neue Gattung der Graphosominen.—**Schumacher, 2516**; Kamerungebirge spp. n.—**Schumacher, 2523**; Ledrinen 2 genn. n. 5 spp. n.—**Schumacher, 2529**; *Lacetas* spp. n.

Spooner, 2638; *Delphacidae* spp. n.

Vayssière, 2867; Deux nouveaux de l'Afrique occidentale.

Ellipoptera (= *Anoplura*).

Harms, 480; *Haematopinus* sp. n.

Thysanoptera.

Karny, 1455; 2 spp. n.—**Karny, 1454**; Tubuliferen.

Karny, 1465; gen. n.

Trybom, 2809; Natal und Zululand, Verzeichnis, genn. and spp. n.—**Trybom, 2810**; Britt. Ostafrika 1 gen. n. sp. n.

Psocoptera.

Enderlein, 859; gen. n.

Lipoptera (= *Mallophaga*).

Watertson, 2974; *Mackayia* sp. n.

Isoptera.

Holmgren, 1279; spp. and genn. n.

Silvestri, 2584 & 2586; spp. n.

Sjöstedt, 2603; Afrikanische Termiten 9 spp. n.

Wasmann, 2967; *Mirotermes* sp. n.

Wasmann und **Werner, 2969**; Ägyptischen Sudan und Nord-Uganda *Termiten* und *Embidaria*.

Embioptera.

Enderlein, 837; spp. n.

Plecoptera.

Klapálek, 1525; Plecoptera.

Ephemeroptera.

Eaton, 799; *Oligoneuria* sp. n.

Navás, 1932; gen. n.

Paraneuroptera.

Martin, 1775; Sikasso 4 spp. n.—**Martin, 1776**; Gomphines spp. n.

Ris, 2314; spp. n.—**Ris, 2317**; Ägyptischen Sudan und Nord-Uganda 1 sp. n.

Orthoptera.

Bolivar, 260; Congo 50 spp. n.

Burr, 441 & 446; *Dermaptera*.—**Burr, 449**; *Blandex* n. gen.

Giglio-Tos 1051; Mantidae spp. n.—**Giglio-Tos, 1053**; Specie nuove di Fasmidi Nuova Guinea.

Griffini, 1119; *Eremus* sp. n.—**Griffini, 1123**; Del K. K. Naturhist Hofmuseum di Vienna, Gryllacridi 2 spp. n.

Rehn, 2242; African *Mantidae* and *Phasmidae* spp. n.—**Rehn, 2243** African *Eumastacinae* 2 spp. n.—**Rehn, 2245**; *Mantidae* and *Phasmidae* spp. n.

Shelford, 2572; *Blattidae*.

Sjöstedt, 2604; Kamerungebirges 1 gen. n. 4 spp. n. **Sjöstedt, 2605**; Brit. Ostafrika genn. n. spp. n.

Werner, 2998; Mantodeenfauna Nordostafrikas.

Collembola.

Börner, 249; Collembolen, *Dicranocentrus* sp. n.

Carpenter, 484; Nigeria *Isotoma* sp. n.

Madagascar and Mascarene Islands.

Coleoptera.

Arrow, 54; Mauritius *Phytalus* sp. n.—**Arrow, 55**; *Hexodon* 3 spp. n.

Boppe, 273; *Closterus* sp. n.—**Boppe, 274**; Genre nouveau de Cérambycides.

Borchmann, 276; *Lagriiden, Alleculiden* und *Meloiden* spp. n.

Chatanay, 520; Asidide nouveau.—**Chatanay, 523**; Nouveaux Asidides.

Fleutiaux, 942; Comores *Élateridae* spp. n.

Lamberton, 1623; Genre curieux.

Moser, 1892; *Pygora* sp. n.

Ohaus, 1985; *Adoretini* spp. n.

Scott, 2537; Seychelles, *Adephaga* & *Lamellicornia.*

Sicard, ; Coccinellides spp. n.—**Sicard,** Seychelles *Coccinellidae.*

Théry, 2765; *Buprestidae* spp. n.

Vuillet, 2922; *Clivina* sp. n.

Hymenoptera.

Bordage, 979; Notes biologiques recueillies à l'île de la Réunion.

Cockerell, ; Seychelles spp. n.

Emery, 827; *Myrmecinae* gen. n.

Enderlein, 839; gen. n. *Doryctinae.*—**Enderlein, 840**; *Braconidae* gen. n.

Forel, ; Seychelles spp.n.

Kieffer, ; Seychelles Proctotrupoidea gen. and spp. n.

Kohl, 1550; *Passaloecus* sp. n.

Meade-Waldo, 1798; Seychelles *Diploptera.*

Morley, 1883; Seychelles *Ichneumonidae* spp. n.

Morley, 1884; *Henicospilus*, sp. n.

Roman, 2341; Madagascar *Pimpla* and *Ipobracon* n. sp.

Santschi, 2411; *Formicidae* spp. n.

Lepidoptera.

Druce, 765; *Achaea* sp. n.

Fryer, 1001; Seychelles and Aldabra spp. n.

Hampson, 1167; Seychelles *Marasmia* sp. n., Madag. *Bocchoris* sp. n.

Joannis, 1399; *Catocolinae* gen. n.

Le Cerf, 1650; *Sesia* sp. n.

Meyrick, 1839; spp. n. genn. n.

Prout, 2181; *Gelasma* sp. n.

Neuroptera.

Navás, 1915; *Sogra* spp. n.—**Navás, 1917**; *Leucochrysa* and *Chrysopa* spp. n.

Diptera.

Austen, 75; Madagascar, Rodriguez, Astove I., *Tabanidae* spp. n.

Collin, 581; *Limosina* sp. n.: **582**; *Phoridae* spp. n.

Edwards, 813; Seychelles *Tipulidae.*

Enderlein, 838; Seychelles *Mycetophilidae* spp. n.—**Enderlein, 846**; Seychelles *Sciaridae* spp. n.—**Enderlein, 848**; *Campylocera* sp. n.—**Enderlein, 861**; Seychelles gen. n. *Scatopsidae.*—**Enderlein, 863**; *Tipulidae* sp. n.—**Enderlein, 864**; *Sule* sp. n.

Hendel, 1220; Seychelles and Madagascar *Acalyptratae* spp. n.

Kertesz, 1492; Seychelles *Stratiomyiidae* genn. n. 2 spp. n.

Lamb, 1620; Seychelles *Acalyptratae.*

Meunier, 1822; copal, *Chironomus* and *Ceratopogon* spp. n.

Theobald, 2764; Seychelles *Culicidae* spp. n.

Hemiptera.

Bergroth, 180; spp. n. *Coreidae* and *Neididae.*—**Bergroth, 185**; Comoro *Odontopus* sp. n.

Distant, 724; gen. n. Cicadidae.—**Distant, 729**; Seychelles *Yanga* sp. n.

Lallemand, 1618; Madagascar and Mahé *Cercopidae* spp. n.

Schouteden, 2480; *Amberiana* sp. n.

Psocoptera.

Enderlein, 859; Seychelles and Madag. genn. n.

Paraneuroptera.

Ris, 2314; spp. n.

Orthoptera.

Bolivar, 261; Seychelles spp. n.

Burr, 441; *Prolabia* sp. n.—**Burr, 448**; *Anisolabis* sp. n. Comoren.

Giglio-Tos, 1051; *Tarachomantis* sp. n., Comoro *Polyspilotra* sp. n.

Griffini, 1120; *Spizaphilus* sp. n.—**Griffini, 1122**; *Gryllacris.*—**Griffini, 1126**; *Carcinopsis* sp. n.

Shelford, 2571; Madagascar *Euthe-ganopteryx, Heminauphoeta* spp. n.

Asia, Tropical & Eastern,

Including Japan, Biluchistan, Afghanistan.

For West and Central Asia *vide* Palaearctic (*h*); for North Asia *vide* Palaearctic (*c*).

Insecta, collectively.

Annandale, 44; Bengal.

Buttel-Reepen, 461; Reisebrief aus Ceylon's Bergen.

Coleoptera.

Arrow, 53; Sikkim *Anomala* 11 spp. n.—**Arrow, 56**; Burma *Anomala* spp. n.

Bickhardt, 227; *Histeriden* Formosa.

Blair, 240; India etc. *Pyrochroidae* spp. n.

Borchmann, 278; Lagriidae, Alleculidae, Cantharidae, spp. n. Formosa.

Boucomont, 292; Genre nouveau et espèces nouvelles de Coprophages, Yunnan.

Dupuis, 780; Formosa *Carabidae* spp. n.

Eggers, 819; India *Hylastes* sp. n.

Fleutiaux, 941; India *Dicladus* sp. n.—**Fleutiaux, 944**; Rangoon *Scopulifer.*

Fowler, 968; India, *Cicindelidae, Paussidae* and *Rhysodidae.*

Gestro, 1037; India *Hispidae* spp. n.—**Gestro, 1041**; India and Formosa *Ichthyurus* spp. n.

Grouvelle, 1138; Annam and Formosa *Psammoecus* spp.—**Grouvelle, 1139**; *Aphanocephalus* spp. n.

Hauser, 1189; *Coptolabrus* sp. n. China.

Heikertinger, 1202; *Mantura* sp. n. Japan.

Horn, 1293; Formosa *Cicindelinae.*

Houlbert, 1317; Yunnan Lucanide genre nouveau.

Jordan, 1433; Assam and Burma *Zygaenodes* 2 spp. n.—**Jordan, 1435**; India *Anthribidae* spp. n.—**Jordan, 1436**; Formosa *Anthribidae* spp. n.

Kerremans, 1481; Formosa Buprestiden, spp. n.

Kožančikov, 1562; *Aphodius* sp. n.

Lameere, 1625; China *Prionus* spp. n.

Lesne, 1678; Psoien indien.

Lewis, 1682; Burma *Hololepta* sp. n.

Möllenkamp, 1860; Formosa *Lucanidae.*—**Möllenkamp, 1861**; India *Neolucanus* sp. n.

Moser, 1890; India and Tonkin Hopliiden spp. n.—**Moser, 1889**; *Holotrichia* spp. n.

Ohaus, 1985; *Adoretini* spp. n.

Olivier, 1996; Formosa *Lampyridae* spp. n.—**Olivier, 2004**; Lampyrides de l'Indo-Chine.

Petri, 2079; *Gasteroclisus* spp. n.

Pic, 2119; Longicornes de Chine.—**Pic, 2104**; *Pyrochroa* de Malacca.

Raffray, 2222; Formosa *Pselaphidae* spp. n.

Roeschke, 2332; Formosa *Carabus* sp. n.

Sampson, 2404; Ceylon, Burma, Singapore, 3 spp. n., *Xyleborus* and *Crossotarsus.*

Schenkling, 2434; Formosa *Cleridae* spp. n.

Schilder, Ent. Bl. 8 p. 96; Cicindelinenfauna des chines. u. japan.

Schmidt, 2451; *Aphodiinae, Orphninae* und *Hybosorinae*, spp. n.

Schönfelt, Deutsche ent. Nationalbild. 2 pp. 189 & 190; Formosa *Brenthidae.*

Sicard, 2575; Formosa *Coelophora* sp. n.

Strohmeyer, 2711; Formosa *Ipidae* 3 spp. n.

Vuillet, 2919; Indo-Chine *Euschizomerus* sp. n.

Wasmann, 2963; Formosa *Paussidae* 2 spp. n.—**Wasmann, 2967**; India *Thorictus* sp. n., *Dinusa* sp. n.

Weise, 2989; Chrysomeliden.

Wellman, 2996; Japan, Formosa, Tibet, *Lyttidae* spp. n.

Hymenoptera.

Cameron, 474; Hongkong *Anomalon* sp. n.

Cockerell, 556; India *Nomia* sp. n.—**Cockerell, 566**; Formosa *Nomia* spp. n.

Crawford, 615; *Chalcididae* and *Proctotrypidae*, spp. n.

Enderlein, 839; *Spathiinae* spp. n.—**Enderlein, 841**; Ceylon Braconiden spp. n.—**Enderlein, 843**; Chalcididen Ceylons.—**Enderlein, 844**; Formosa *Braconidae, Proctotrupidae* and *Evaniidae.*—**Enderlein, 845**; Ceylon 2 spp. n., *Pseudofoenus* and *Stephanus.*—**Enderlein, 855**; India *Paniscus* sp. n., Formosa gen. n.

Forel, 949; Japan *Camponotus* sp. n.—**Forel, 955**; Formosa *Formicidae* spp. n.—**Forel, 960**; India genn. n. & spp. n. *Formicidae.*—**Forel, 961**; India etc. neue Ameisenformen.

Hedicke, 1192; Formosa *Cynipidae.*

Kertész, 1489; China *Ptilona* sp. n.

Krieger, 1573; Hinterindien *Pristomerus* spp. n.

Maidl, 1745; *Xylocopa* spp. n. India and Annam.

Meade-Waldo, 1797; India *Megachile* sp. n.

Mocsáry, 1857; Formosa *Chrysis* spp. n.—**Mocsáry, 1858**; *Chrysis* spp. n.

Morley, 1884; *Ichneumonidae* spp. n.

Paiva, 2048; Abor Expedition.

Perkins, 2062; *Chalcidae* spp. n.—**Perkins, 2063**; *Dryinidae* spp. n. China.—**Perkins, 2065**; China *Nesoprosopis* sp. n., *Megachile.*

Rohwer, 2338; *Tenthredinidae* spp. n.

Strand, 2680; *Evania, Iphiaulax*, spp. n.

Szabó, 2749; Singapore *Epitritus* sp. n.

Turner, 2827; Ceylon *Stizus* sp. n.—**Turner, 2830**; *Fossoria* spp. n.—**Turner, 2832**; The genus *Cerceris* monograph British India.

Viereck, 2881; India *Braconidae* and *Ichneumonidae* spp. n.—**Viereck, 2882**; *Ichneumonidae* and *Braconidae* spp. n.—**Viereck, 2883**; Japan Parasitica spp. n.

Zavattari, 3242; Kashmir *Odynerus* sp. n.

Lepidoptera.

Dekhi Philipe, 675; India *Lethe kansa* and *Dophla patala.*

Evans, 881; List of Indian butterflies.—**Evans, 882**; India *Rhopalocera.*

Fernández, 925; Hunan brief list.

Fruhstorfer, 990; *Lycaenidae, Yasoda* and *Suasa*, spp. n.—**Fruhstorfer, 998**; *Nymphalidae* subspp. n.

Green, 1112; Ceylon butterflies.

Hampson, 1167; *Pyraustinae* spp. n.—**Hampson, 1170**; The moths of India, spp. n.—**Hampson, 1169**; *Noctuidae* spp. n.

Hannyngton, 1176; Distribution of *Lethe kansa* and *Dophla patala.*

Joannis, 1397; Trois nouvelles espèces de hétérocères Cochinchine.—**Joannis, 1399**; Tonkin *Enmonodia* sp. n.

Jordan, 1426; *Agaristidae* spp. n.

Le Cerf, 1650; Tonkin *Aschistophleps* sp. n.

Meyrick, E., 1832; India *Microlepidoptera* many spp. n.—**Meyrick, 1835**; India and Ceylon *Gracilariidae* spp. n.—**Meyrick, 1837**; India *Nemotois* spp. n.—**Meyrick, 1839**; spp. n., genn. n.

Prout, 2181; India etc., *Hemitheinae* spp. n.

Rothschild, 2362; *Lithosianae* spp n.

Rothschild & Jordan, 2364; Malay Penins. *Marumba* sp. n.

Swinhoe, 2748; India etc. *Lycaenidae* and *Hesperiidae* spp. n.

Warren, 2958; India, Japan, etc., *Noctuidae* spp. n.

Wileman, 3119; Formosa *Geometridae* spp. n.—**Wileman, 3200**; Formosa *Noctuidae* spp. n.—**Wileman, 3201**; Formosa *Geometridae* spp. n.

Wileman, 3202; Formosa 6 spp. n., *Phalera, Trachea* and *Geometridae.*

Neuroptera.

Nagano, 1913; Japan *Lymantria* sp. n., *Epicopeia* sp. n.

Nakahara, 1914; *Climaciella* sp. n.

Navás, 1915; India, China, etc., spp. n.—**Navás, 1916**; spp. n., gen.—**Navás, 1917**; *Chrysopidae* and *Hemerobiidae* spp. n.—**Navás, 1928**; Baluchistan *Palpares* sp. n., Burma *Dimares* and *Nesoleon* sp. n.—**Navás, 1929**; Formosa gen. n., Piu-fa sp. n., Tshifu gen. & sp. n. *Myrmeleonidarum.*

Petersen, 2072; Formosa *Panorpa, Micromus,* 2 n. spp.—**Petersen, 2073**; Ceylon *Macronemurus* sp. n.

Diptera.

Alcock, 12; Malaya *Anopheles* sp. n.

Annandale, 45; *Phoridae* associated with ants.

Becker, 155; *Chloropidae,* Monographie, gen. & spp. n.

Bezzi, 219; *Rhagionidae* et *Empididae* Formosa spp. n.

Böttcher, 254; Formosa *Sarcophaga* spp. n.

Brunetti, 422; *Nematocera* general work.—**Brunetti, 423**; oriental *Culicidae.*—**Brunetti, 424**; *Aphiochaeta* sp. n.—**Brunetti, 425**; India many spp. n.—**Brunetti, 427**; *Simulium* Ceylon sp. n.

Christophers, 541; Andamans *Culicidae.*

Daniels, 660; Malay States *Culicidae* 2 spp. n.

Davys, 671; Anophelines Quetta.

Enderlein, 838; Japan *Sciara* sp. n.—**Enderlein, 856**; Ephydriden nov. gen.—**Enderlein, 863**; Formosa *Tipulidae* spp. n.—**Enderlein, 865**; Ortalinen und Loxoneurinen.—**Enderlein, 866**; Formosa *Dolichopidae* spp. n.

Fry, 1000; Anophelines of Chota Nagpur.

Hendel, 1221; Formosa *Dacus* spp. n.

Hendel, 1220; Indien and Formosa, Acalyptratae 3 spp. n.

Kertész, 1488; *Dorylaidae* spp. n. Formosa.

Kieffer, 1508; Formosa *Chironomidae* spp. n.—**Kieffer, 1509**; Ceylan nouveaux Chironomides.—**Kieffer, 1510**; Cecidomyies de Ceylan.

Kröber, 1577; Formosa *Therevidae.*—**Kröber, 1578**; Thereviden der indoaustralischen Region.—**Kröber, 1582**; Formosa Thereviden, Omphraliden.

Leicester, 1662; Malay States *Culicidae* many spp. & genn. n.

Lichtwardt, 1684; Formosa *Nycterimyia* spp. n.

Paiva, 2047; Calcutta *Culicidae.*

Patton & Cragg, 2045; India *Philaematomyia* sp. n.

Riedel, 2306; Formosa Nematocera polyneura.

Schmitz, 2466; Bengalen *Chonocephalus* nov. sp.

Stanton, 2645; Malaya *Anopheles.*

Hemiptera.

Breddin, 320; spp. n., *Pentatomidae* and *Homoeocerus.*—**Breddin, 322**; India *Indra* sp. n.

Cholodkovskij, 531; Himalaya, *Pemphigidae* spp. n.

Crawford, 613; India *Psyllidae* spp. n.

Distant, 723; *Cicadidae* and *Fulgoridae* spp. n., genn. n.—**Distant, 724**; India *Cicadidae* and *Fulgoridae* spp. n.—**Distant, 726**; India etc., spp. n., *Cicadidae, Jassidae.*—**Distant, 727**; India gen. n. near *Piezodorus, Jassidae* spp. n.—**Distant, 729**; Tonkin *Cosmopsaltria* sp. n.

Green, 1107; India *Margarodes* sp. n.

Horváth, 1302; Japan etc., *Stephanitis* spp. n.—**Horváth, 1305**; Tonkin *Poecilocoris* sp. n.

Jordan & Rothschild, 1441; *Cacodmus* sp. n.

Lallemand, 1618; India *Leptataspis* sp. n.

Matsumura, 1792; Cicadinen Japans.—**Matsumura, 1793**; Acocephalinen und Bythoscopinen Japan.

Montandon, 1869; Annam *Gestroiella* sp. n.

Poppius, 2153; Malacca *Kosmiomiris* sp. n.—**Poppius, 2154**; Formosa *Lygus* sp. n.—**Poppius, 2164**; India and Ceylon *Bryocorinae* spp. n.

Reuter & Poppius, 2288; *Termatophyliden* spp. n.

Rothschild, 2354; India *Clinocoris* sp. n.

Schmidt, 2459; *Leptataspis* sp. n. Malacca.

Schumacher, 2522; *Cyphostethus* sp. n. China.

Thysanoptera.

Bagnall, 93; India *Panurothrips* sp. n.—**Bagnall, 97**; India gen. n.

Isoptera.

Bugnion, 436; Ceylan *Entermes* n. sp.

Holmgren, 1277; India sp. n.—**Holmgren, 1279**; spp. & genn. n.

Embioptera.

Enderlein, 837; spp. n.

Psocoptera.

Enderlein, 851; Orientalische.

Plecoptera.

Klapálek, 1522.—**Klapálek, 1524**; Formosa gen. n.—**Klapálek, 1529**; *Kamimuria* 12 spp. n. China, Japan.

Ephemeroptera.

Ulmer, 2840; Formosa.

Paraneuroptera.

Ris, 2314; spp. n.—**Ris, 2316**; Formosa, Südchina, Tonkin, spp. n.

Orthoptera.

Burr, 441; Formosa *Pyge* sp. n.—**Burr, 448**; *Anechura* sp. n. Nordindien.—**Burr, 449**; *Chelisoches* sp. n. Formosa.

Hancock, 1171; *Tetriginae* spp. n.

Thysanura and *Collembola.*

Imms, 1355; India etc., 27 spp. n., gen. n.

Silvestri, 2589; Machilidarum species novae.

Asiatic Archipelago.

Java to New Guinea, incl. Philippines.

Insecta, collectively.

Mjöberg, 1855; Mallophagen und Amopluren Java.

Moulton, 1896; Borneo trip, *Pentatomidae* 2 spp. n.

Coleoptera.

Bernhauer, 211; Philippinen Staphyliniden spp. n.

Bickhardt, 230; *Histeridae* spp. n.

Blair, 240; *Pyrochroidae* spp. n.

Clavareau, 543; N. Guinea *Aesernia* 2 spp. n.

Felsche, 904; Philippinen Lucaniden spp. n.

Fleutiaux, 941; *Eucnemidae* spp. n.—**Fleutiaux, 944**; *Eucnemidae* spp. n.

Gahan Proc. ent. Soc. London **1911** p. lxxix; Borneo *Daphisia* sp. n.

Gebien, 1024; *Tenebrionidae* spp. n.

Gestro, 1039; Sumatra *Ichthyurus* sp. n.

Grouvelle, 1138; Java *Psammoecus* spp. n.—**Grouvelle, 1139**; *Aphanocephalus* spp. n.

Hagedorn, 1159; New Guinea gen. n. *Scolytidae.*

Heller, 1209; Lamellicornier Deutsch-Neuguinea.—**Heller, 1210**; N. Guinea, *Cerambycidae* genn. & spp. n.—**Heller, 1212**; Celebes 2 spp. n., *Chrysochroa* and *Celebia*.—**Heller, 1213**; Luzon *Discolomidae* gen. n.—**Heller, 1214**; Philippinische Rüsselkäfer.—**Heller, 1215**; *Chalcocrates* sp. n. N. Guinea.

Horn, etc., 1295; New Guinea spp. n.

Janson, 1384; Borneo *Cetoniidae* 5 spp. n.

Jordan, 1438; Neue Anthribiden.—**Jordan, 1433**; *Anthribidae* 4 spp. n.

Kerremans, 1484; Borneo *Buprestidae* spp. n.

Lewis, 1682; *Histeridae* 3 spp. n. Java, Batchian and New Guinea.

Möllenkamp, 1861; Borneo *Aegus* sp. n.—**Möllenkamp, 1862**; *Lucanidae.*

Moser, 1889; *Holotrichia* spp. n.—**Moser, 1890**; *Hopliiden* spp. n.—**Moser, 1892**; *Cetoniidae* spp. n.

Moulton, 1900; Bornean *Buprestidae.*

Ohaus, 1985; Djampea *Trigonostomum* sp. n.—**Ohaus, 1992**; Ruteliden.

Petri, 2079; Sumatra *Gasteroclisus* sp. n.

Pic, 2103; Pyrochroïdes de Java et de Sumatra.—**Pic, 2107**; *Idgia* sp. n Java.

Pierce, 2135; Philippines gen. n. *Curculionidae.*

Prell, 2174; *Dynastini* spp. n.

Raffray, 2221; Java *Batrisocenus* 3 n. spp.

Ritsema, 2318; Borneo *Cryptoderma* sp. n.—**Ritsema, 2319**; *Euchitonia* sp. n. Sumatra.—**Ritsema, 2320**; Sumatra *Aulacochilus* sp. n.—**Ritsema, 2321**; *Metopodontus* sp. n. Sumatra.

Sampson, 2404; Borneo *Crossotarsus* sp. n.

Sicard, 2578; Philippines *Caria* sp. n.

Spaeth, 2633; Borneo *Cassidae* spp. n., gen. n.

Vuillet, 2920; *Dasylinda* sp. n.

Wagner, 2937; sp. n. *Apion* Luzon.

Wasmann, 2962; Paussiden, etc., 3 spp. n. Java.

Weise, 2989; *Chrysomelidae* spp. n.

Hymenoptera.

Cameron, 479; Two new *Ichneumonidae* Aru.—**Cameron, 480**; Sarawak spp. n.

Crawford, 615; Philippine Is. *Sympiesis* sp. n.

Enderlein, 839; *Spathiinae* spp. n.—**Enderlein, 840**; Sumatra *Eubadizon* sp. n.—**Enderlein, 841**; Sumatra *Braconidae* spp. n.—**Enderlein, 855**; *Panisscinae* gen. n. spp. n.—**Enderlein, 859**; *Ophioninae* gen. n. Sumatra.

Enslin, 872; *Tenthredinoidea* Java.

Forel, 958; Ameisen Java.—**Forel, 960**; Sumatra genn. n. spp. n. *Formicidae.*—**Forel, 961**; neue Ameisenformen Sumatra etc.

Friese, 983; Bienenfauna von Neu-Guinea und Oceanien 2 spp. n.

Krieger, 1573; *Pristomerus* spp. n.

Maidl, 1745; Philippines 4 spp. n.

Meade-Waldo, 1796; New Guinea, *Scaria* spp. n.

Moscáry, 1857; Sumbawa *Chrysis* sp. n.

Morley, 1884; *Ichneumonidae* spp. n.

Perkins, 2061; Amboina, *Abispa* and *Odynerus*, sp. n., N. Guinea, *Palaeorhiza* sp. n.—**Perkins, 2063**; Java *Dryinidae* spp. n.

Rohwer, 2338; *Tenthredinidae* spp. n.

Stitz, 2667; Ameisen Ceram und Neu-Guinea.

Strand, 2680; *Evania, Iphiaulax*, spp. n.

Turner, 2826; New Guinea spp. n. *Fossoria.*—**Turner, 2829**; Amboina *Dasyproctus* sp. n.—**Turner, 2831**; New Guinea *Thynnidae* spp. n.

Viehmeyer, 2878; Ameisen Deutsch-Neuguinea.

Lepidoptera.

Chapman, 512; Borneo *Notarthrinus* sp. n.

Courvoisier, 609; Javanische Lycaeniden.

Druce, 761; *Hesperiidae* 4 spp. n., gen. n.

Eecke, 814; *Thestias* sp. n.

Friehstorfer, 991; Sula Mangoli *Hypolimnas* sp. n.

Fruhstorfer, 998; *Nymphalidae* subspp. n.

Hampson, 1167; *Pyraustinae* spp. n.—**Hampson, 1169**; *Noctuidae* spp. n.

Jordan, 1426; *Agaristidae* spp. n.—**Jordan, 1429**; New Guinea *Delias* spp. n.—**Jordan, 1430**; 3 spp. n., *Abisara* and *Dicallaneura.*—**Jordan,**

1431; New Guinea *Eubordeta* 4 spp. n. —**Jordan, 1437**; *Zygaenidae* spp. n.

Kendrick, 1477; New Guinea *Pyralidae* spp. n.

Klunder van Gigen, 1537; *Neptis* sp. n.—**Klunder van Gijen, 1539**; Microlepidoptera von Java und Kei-Inseln 9 spp. n.

Martin, 1771; *Papilio* sp. n. Celebes. —**Martin, 1773**; *Euploea* Celebes.—**Martin, 1774**; *Delias* 2 spp. n. Celebes.

Meyrick, 1837; Celebes *Nemotois* sp. n.—**Meyrick, 1839**; spp. n. genn. n.

Moulton, 1898; Borneo *Lycaenidae* revision.—**Moulton, 1899**; Borneo *Delias* sp. n.

Prout, 2181; *Hemitheinae* spp. n.

Rebel, 2239; *Ogyris* sp. n. Neu-Guinea.

Rothschild, 2359; Borneo spp. n. *Aegeriidae* and *Syntomidae*.—**Rothschild, 2362**; *Lithosianae* spp. n.

Rothschild & Jordan, 2364; New Guinea *Macroglossum* sp. n.

Strand, 2675; New Guinea *Charagia* sp. n.

Warren, 2958; *Noctuidae* spp. n.—**Warren, 2959**; New Guinea *Geometridae* spp. n.

Neuroptera.

Enderlein, 852; *Panorpata* Java 2 spp. n.

Navás, 1915; spp. n.—**Navás, 1917**; N. Guinea *Chrysocerca* sp. n.—**Navás, 1928**; N. Guinea *Myrmeleon* sp. n.

Diptera.

Enderlein, 838; *Mycetophilidae* spp. n.—**Enderlein, 863**; *Tipuliden* spp. n. —**Enderlein, 865**; Ortalinen und Loxoneurinen.—**Enderlein, 866**; Dolichopodiden *Psilopodini* spp. n.

Kieffer & Leeuwen, 1512; Java *Cecidomyiidae* spp. n.

Kröber, 1578; *Therevidae* genn. & spp. n.

Malloch, 1749; *Phoridae* spp. n.—**Malloch, 1750**; Philippines *Limosina* sp. n.

Meijere, 1800; *Puliciphora* neue Arten.

Muir, 1909; *Ascodipteron* sp. n.

Hemiptera.

Ashton, 62; *Maua* sp. n.

Aulmann, 67; Psylliden Neu-Guinea, gen. n.

Bergroth, 180; *Coreidae* spp. n.

Breddin, 320; spp. n., *Pentatomidae* and *Oncopeltus*.—**Breddin, 322**; Borneo *Indra* sp. n.—**Breddin, 327**; Ceylon *Reduviidae* spp. n.

Distant, 726; Borneo *Haranga* sp. n.—**Distant, 729**; *Cicadinae* 4 spp. n. —**Distant, 730**; New Guinea 10 spp. n., genn. n.

Goot, 1088; Zwei neue javanische Aphiden, Verzeichnis der bekannten indischen Blattläuse.

Green, 1109; *Coccidae* Java 2 spp. n.

Horváth, 1300; Java 4 spp. n.—**Horváth, 1302**; Java, N. Guinea, *Stephanitis* spp. n.—**Horváth, 1303**; N. Guinea *Caridophthalmus* sp. n.

Lallemand, 1618; New Guinea *Cercopidae* 2 spp. n.

Montandon, 1869; *Naucoridae* 2 spp. n., gen. n.

Moulton, 1897; Borneo list of *Cicadidae* spp. n.

Poppius, 2153; *Capsidae* genn. n.—**Poppius, 2156**; *Araspus* 4 spp. n. Neu Guinea.—**Poppius, 2164**; *Bryocorinen* spp. n.

Reuter, 2286; Luzon *Campylomma* sp. n.

Schmidt, 2456; *Maua* sp. n. Sumatra.—**Schmidt, 2457**; *Bythopsyrna* sp. n. Nias.—**Schmidt, 2458**; Sumba *Scieroptera* sp. n.—**Schmidt, 2459**; Sumatra *Cercopidae* gen. n.

Thysanoptera.

Bagnall, 93; Philippines *Mecynothrips* sp. n.

Karny, 1461; Gallenbewohnende Java.—**Karny, 1462**; Zwei neue javanische Genera.

Embioptera.

Silvestri, 2588; *Oligotoma* sp. n.

Isoptera.

Holmgren, 1279; spp. & genn. n.

Plecoptera.

Klapálek, 1526; *Nemura* sp. n. Java.

Paraneuroptera.

Laidlaw, 1615; Borneo *Orogomphus* sp. n.—**Laidlaw, 1616**; Borneo spp. n. —**Laidlaw, 1617**; Borneo gen. n.

Ris, 2314; spp. n.—**Ris, 2315**; Java und Krakatau.—**Ris, 2316**; spp. n. Philippinen.

Orthoptera.

Burr, 447; *Dermaptera* Java and Sumatra.—**Burr, 442**; Java *Ariscenia* sp. n.—**Burr, 449**; New Guinea *Anisolabis* sp. n.

Giglio-Tos, 1051; Mantidae spp. n.—**Giglio-Tos, 1052**; *Pulchriphyllium* n. sp. New Guinea.—**Giglio-Tos, 1054**; Neu-Guinea, *Aphroptera* sp. n.

Griffini, 1119; Lombok *Gryllacris* sp. n.—**Griffini, 1121**; Borneo *Gryllacris* sp. n.—**Griffini, 1125**; *Gryllacridae* of Borneo.

Hancock, 1171; *Saussurella* spp. n.

Jacobson, 1372; *Myrmecophaga americana* Java.

Karny, 1452; genn. & spp. n. *Locustoidea* Neu-Guinea.

Shelford, 2566; New Blattidae New-Guinea.—**Shelford, 2570**; *Prosoplecta* spp. n.

Thysanura.

Silvestri, 2589; Java gen. n. *Machilidae.*

Protura.

Berlese, 199; sp. n.

Australia and Tasmania.

Insecta, collectively.

Michaelsen, 1844; S.W. Australia.

Dodd, 743; Trip.

Coleoptera.

Blackburn, 237; *Melolonthini* spp. n.

Blair, 240; *Lemodes* 2 spp. n.

Ferguson, 920; Amycterides.

Fleutiaux, 941; *Eucnemidae* 2 spp. n.

Goudie, 1090; Water-beetles, Victoria.—**Goudie, 1091**; North-Western Victoria *Pselaphidae, Paussidae, Scydmaenidae.*

Grouvelle, 1139; *Aphanocephalus* sp. n.

Lea, 1640; many spp. n.—**Lea, 1641**; *Rhytiphora* n. sp.—**Lea, 1642**; New.

Mjöberg, 1853; *Eucurtia* gen. & sp. n. S. Australia, termitophilous.

Moser, 1892; *Chlorobapta* sp. n.

Ohaus, 1988; Anoplognathiden spp. n.

d'Orchymont, 2006; *Neosternolophus* sp. n.

Pic, 2102; Hylophilides.

Schmidt, 2451; *Aphodius* sp. n.

Hymenoptera.

Bingham, 231; spp. n., *Cerceris, Gorytes, Odynerus, Rhynchium, Alastor.*

Cameron, 477 & 478; New Parasitic.

Cockerell, 550; 10 spp. n. *Prosopinae.*—**Cockerell, 551, 552, 556, 567**; *Apidae* spp. n.—**Crawford, 615**; *Podagrion* sp. n.

Forel, 961; *Rhopalothrix* sp. n.

Girault, 1065, 1066, 1067; spp. n., genn. n.—**Girault, 1072**; *Melittobia* Queensland sp. n.

Mocsáry, 1858; *Chrysis*; sp. n.

Morley, 1884; *Ichneumonidae* spp. n.

Perkins, 2061; spp. n., genn. n., *Apidae* and *Eumenidae.*

Turner, 2825; *Anthobosca* sp. n.—**Turner, 2829**; *Fossoria* spp. n.—**Turner, 2831**; *Thynnidae* spp. n.—**Turner, 2833**; *Cerceris.*

Lepidoptera.

Hampson, 1169; *Noctuidae* spp. n.

Meyrick, 742; *Cyclotorna* spp. n.—**Meyrick, 1835**; *Gracilariidae* spp. n.—**Meyrick, 1837**; *Nemotois* 2 spp. n.—**Meyrick, 1839**; spp. n.

Strand, 2671; *Synemon* spp. n.

Turner, 2820; *Cirphis* sp. n.

Warren, 2958; *Noctuidae* spp. n.

Waterhouse & Lyell, 2972; New *Hesperiidae.*

Neuroptera.

Navás, 1917; *Berotha* sp. n.

Petersen, 2073; *Acanthaclisis* sp. n.

Diptera.

Austen, 75; *Pangonia* sp. n.

Hermann, 1225; Asilidae spp. n.

Kröber, 1579; *Therevidae* genn. & spp. n.—**Kröber, 1579**; Thereviden 2 genn. n.—**Lichtwardt, 1684**; *Nycterimyia* sp. n.

Malloch, 1749; *Phoridae* sp. n.

Muir, 1909; *Ascodipteron* sp. n.

Ricardo, 2299; *Asilidae* spp. n.

Summers, 2725; *Tabanidae* spp. n.

Taylor, 2756; *Culicidae* 4 spp. n.

Hemiptera.

Ashton, 57, 58, 59, 60, 61; New *Cicadidae.*

Bergroth, 187; *Pentatomidae* spp. n.

Distant, 726; *Cicadidae* 2 spp. n.

Poppius, 2164; *Bryocorinae* spp. n.

Schouteden, 2480; 2 spp. n. *Deroploa* and *Neomenistheus.*

Isoptera.

Holmgren, 1278; *Porotermes* sp. n.

Paraneuroptera.

Tillyard, 2775; *Diphlebia* life-histories spp. n.

Orthoptera.

Werner, 2999; *Mantodea* und *Phasmodea* gen. n.

North America.

Insecta, collectively.

Faunal zones, map; Canad. Ent. **44** p. 129.

Banks; At the *Ceanothus* in Virginia; Ent. News **23** p. 102–110.

Cockerell, 570; The Miocene fauna of Florissant.

Gibson, 1048; Canada, captures 1910 & 1911.

Hunter; Some notes on insect abundance in Texas in 1911, Proc. Ent. Soc. Washington **14** p. 62–65.

Hunter, Pratt, & Mitchell, 1343; Cactus insects.

Hyslop, 1346; Pacific northwest.

Lehmann, 1660.

Visher, 2902; South Dakota. A partial list of the insects collected.

Slosson; Collecting, Pennsylvania Ent. News **23** p. 171–173.

Trotter, 2808a; Galls of N. America, *Andricus* sp. n.

Coleoptera.

Angell, 43; *Necrophorus* spp. n.

Baker, 99; **Bernhauer**; *Staphylinidae* spp. n. beach at Laguna.

Bernhauer, 204; *Staphylinidae* spp. n.

Blatchley, 242; 4 spp. n., *Coelambus, Aphodius, Hymenorus* and *Andrimus.*—**Blatchley, 243**; *Dicaelus* sp. n.

Casey, 491; American *Byrrhidae.*—**Casey, 493**; Longicornia spp. n.

Davis, 667; Distribution of tiger beetles.

Dury, 786; *Symbiotes* spp. n.—**Dury, 786a**; *Cychrus*, New Mexico sp. n.

Fall, 891; 10 spp. n.—**Fall, 892**; new *Tetropium, Bruchides.*—**Fall, 893**; *Collops* spp. n.—**Fall, 894**; Four new myrmecophilous.

Fisher & Kirk; *Cerambycidae* from Harrisburg, with notes; Ent. News **23** p. 308–316.

Frost, 989; *Agrilus* spp. n.—**Frost**, Canad. Ent. **44** pp. 304–308; Maine, collecting in.

Kraus, 1563; *Lasconotus* spp. n.

Lameere, 1625; *Prionus* 2 spp. n.

Leng, 1666; Distribution of *Cicindelidae* in eastern North America.—**Leng, 1667**; Salt meadow beetles.—**Leng**; *Soronia decumana* Alabama, J. New York Ent. Soc. **20** p. 134.

Matheson, 1789; *Haliplidae* spp. n.

Möllenkamp, 1861; *Platycerus* sp. n.

Nunenmacher, 1975; *Coccinellidae* spp. n.

Ohaus, 1991; *Byrsopolis* sp. n.

Olivier, 2002; *Lampyridae* spp. n.

Pierce, 2135; *Curculionidae* spp. n.

Schaeffer, 2421; *Hister* 3 spp. n.—**Schaeffer, 2422**; *Collops* spp. n.—**Schaeffer**; *Coccinella undecimpunctata* Massachusetts, Psyche **19** p. 104.

Swaine, 2740; *Ipidae* 5 spp. n.

Wagner, 2936; *Apion* spp. n.

Walton, 2952; *Symbiotes* sp. n.

Wellman, 2996; *Lyttidae* spp. n.

Westcott, 3003; *Anatis* sp. n.

†**Wickham, 3116**; Fossil, Florissant.

Wickham & Wolcott, 3117; *Cleridae.*

Wolcott, 3218; *Saprinus* sp. n. and *Bruchus* sp. n.

Hymenoptera.

Banks, 109; *Cerceris* spp. n.—**Banks, 110**; *Fossoria* spp. n.

Bartlett, 140; North American *Scoliinae.*

Cockerell, 556; *Epeolus* sp. n.—**Cockerell, 559**; *Coelioxys* 5 spp. n.—**Cockerell, 560**; *Chelynia* sp. n.—**Cockerell, 562**; Canada 4 spp. n., *Megachile* and *Osmia.*—**Cockerell, 574**; *Eucerinae* list of spp.

Crawford, 614; 2 spp. n., *Perdita* and *Phileremulus.*—**Crawford, 616**; *Chalcidae* spp. n.

Davidson, 663; *Bombus* spp., California.

Fernald, 924; *Chlorion* spp. n.

Fullaway, 1010; Gall-fly parasites California, spp. n.

Gahan, 1013; Two new genera parasitic Hymenoptera.

Girault, 1057; U.S. and Canada, *Chalcididae* spp. n. etc.—**Girault, 1058**; *Trichaporus* sp. n.—**Girault, 1059**; *Aphelinoidea* sp. n.—**Girault, 1071**; *Stephanodes* sp. n.—**Girault, 1074**; *Polynema* sp. n.—**Girault**, Canad. Ent. **44** p. 88; *Anaphes pratensis.*

Hooker, 1286; *Ophionini* spp. n.

Leonard, 1669; Honey ants Point Loma.

Macgillivray, 1739; *Xyelidae* and *Lydidae* spp. n.

Matheson & Crosby, 1790; *Chalcidae* gen. n.

Mitchell & Pierce, 1848; Ants Victoria county, Texas.

Morley, 1884; *Ichneumonidae* spp. n.

Rohwer, 2334; Chalastogastra Boulder county.—**Rohwer, 2336**; *Eumenidae* and *Fossoria*, spp. n.—**Rohwer, 2337**; *Oryssus* spp. n.—**Rohwer, 2338**; *Tenthredinidae* spp. n.—**Rohwer**, Canad. Ent. **44** p. 276; Canada, *Tenthredinidae* short list.

Strickland, 2705; *Pezomachinae* spp. n.

Trotter, 2808a; *Andricus* sp. n.

Viereck, 2881; *Braconidae* and *Ichneumonidae* spp. n.—**Viereck, 2882**; *Braconidae* and *Ichneumonidae* spp. n.—**Viereck, 2883**; spp. n., *Ichneumonidae* and *Braconidae.*—**Wheeler, 3008**; *Pseudococcus* sp. n.—**Wheeler, 3009**; *Myrmecocystus* sp. n.

Lepidoptera.

Barnes & Mcdunnough, 119; *Noctuidae* spp. n.—**Barnes & McDunnough, 120**; *Noctuidae* 3 spp. n.—**Barnes & McDunnough, 122**; Revision of the *Megathymidae.*—**Barnes & McDunnough, 123**; Illustrations of rare and typical.—**Barnes & McDunnough, 124**; Fifty new species and varieties.—**Barnes & McDunnough, 125**; *Alpheias* spp. n.—**Barnes & McDunnough, 127**; *Givira* sp. n.—**Barnes & McDunnough, 128**; New *Microlepidoptera.*

Braun, 312; *Nepticula* spp. n.

Busck, 451; *Microlepidoptera* spp. n. Laguna beach.—**Busck, 452**; *Epicallima* sp. n.—**Busck, 454**; *Epicallima* sp. n.—**Busck, 456**; *Acrolophus* spp. n.

Dyar, 790; Laguna beach, *Pyralidae* spp. n.—**Dyar, 793**; *Noctuidae* 3 novelties.—**Dyar, 794**; *Noctuidae* 2 spp. n.

Grinnell, 1129; Additions and corrections to the list of southern California.

Grossbeck, 1134; *Geometridae* spp. n.

Hampson, 1167; Arizona *Glyphodes* sp. n.

Knetzler; St. Louis; Ent. News 23 p. 203–207.

Meyrick, 1839; *Heliodines* sp. n.

Newcomer, Ent. News **23** p. 81; Notes on western U.S. Lepidoptera.

Pearsall, 2052; *Geometridae* spp. n.—**Pearsall, 2053**; *Eupithecia* sp. n.

Perrin & Russell, 2067; Nova Scotia catalogue.

Prout, 2181; *Hemitheinae* spp. n.

Swett, 2743; *Hydriomena* 2 spp. n.

Watson & Coleman; *Iphiclides ajax* and *Eurymus interior* from the summit of Mt. Marcy; Bull. Brooklyn Ent. Soc. **8** p. 4–6.

Winn, Canad. Ent. **44** pp. 213–216; Yukon list.

Wormsbacher, 3225; Catocalen Vereinigten Staaten.

Wright, 3227; *Rhopalocera.*

Trichoptera.

Hill-Griffin, 1251; New, Oregon.

Neuroptera.

Banks, 112; *Mantispilla* spp. n.

†**Cockerell, 563**; *Raphidia*, Colorado Miocene.

Navás, 1918; *Malacomyza, Chrysopa, Sympherobius*, spp. n.

Petersen, 2073; *Drepanicus* sp. n.

Diptera.

Aldrich, 15; *Ephydra* sp. n.

Alexander, 20; Fulton county *Tipulidae.*—**Alexander, 23**; *Brachypremna* sp. n.—**Alexander, 24**; *Adelphomyia* 2 spp. n.—**Alexander, 26**; New *Tipulidae.*

Becker, 155; *Chloropidae*, Monographie, gen. & spp. n.

Cole, 579; Diptera Laguna beach.

Cresson, 620; *Pipunculus* spp. n.

Doane, 733; *Tipula* spp. n.

Dyar, 791; Distribution of mosquitoes.

Felt, 908; *Diarthronomyia* sp. n. California.—**Felt, 911**; *Cecidiomyiidae* spp. n.—**Felt, 912**; *Arthrocnodax* sp. n.—**Felt, 913**; *Cecidomyiidae* spp. n.—**Felt, 914**; *Cecidomyiidae* spp. n.—**Felt, 915**; *Itonididae* spp. n.

Hermann, 1225; *Asilidae* spp. n.

Hine, 1254; *Tabanidae* 5 spp. n.

Hooker; *Cecidomyia foliora*; Ent. News Philadelphia **23** p. 472.

Johannsen, 1404; *Mycetophilidae.*—†**Johannsen, 1407**; *Mycomya* sp. n. Colorado Miocene.

Johnson, 1412; spp. n.—**Johnson, 1413**; notes.—**Johnson, 1414**; *Chrysopilus* sp. n.—**Johnson, 1415**; spp. n. *Mydaidae* and *Asilidae.*—**Johnson, 1416**; *Haematopota* spp. n.

Kröber, 1581; Thereviden.

Malloch, 1748; *Pipunculidae* spp. n.—**Malloch, 1749**; *Phoridae* spp. n.—**Malloch, 1750**; spp. n.

Malloch & Knab, 1753; *Limosina.*

Smith, 2616; spp. n.

Townsend, 2791; *Tachinidae* spp. n.

Walton, 2951; 2 spp. n., *Agromgza* and *Miersdon.*

Welch, 2995; *Psychoda* sp. n.

Hemiptera.

Abbott, 1; gen. n. *Corixidae.*

Banks, 111; *Ploiariodes* sp. n.

Barber, 115; Distribution of Hemiptera.

†**Cockerell, 558**; *Fulgoridae* gen. n.

Cockerell, 561; *Phenacoccus* sp. n.

Davidson, 664; *Aphidae*, spp. n. California.

Davis, 665; Aphididae of Nebraska.—**Davis, 666**; *Cicada* sp. n.—**Davis, 670**; *Pselliopus* sp. n.

Essig, 879; *Aphididae* of southern California.

Gee, 1030; list, South Carolina.

Herrick, 1230; Mississippi, notes.

Horváth, 1298; Faunes hémiptérologiques de l'Europe et de l'Amérique du Nord.—**Horváth, 1301**; *Cimicidae.*

Montandon, 1871; *Hydrocorisae* 5 spp. n.

Olsen, 2005; Annotated list Long Island.

Patch, 2039; Aphidae spp. n.—**Patch, 2041**; *Psyllidae* spp. n.—**Patch, 2044**; *Livia* sp. n.

Phillips & Davis, 2092; *Toxoptera* sp. n.

Reuter, 2286; 2 spp. n., *Plagiognathus* and *Microphylellus*.

Reuter & Poppius, 2288; *Termatophylidae* gen. n.

Sasscer, 2417; *Fiorinia*.

Torre Bueno, 2785; *Corizus* sp. n.—**Torre Bueno**, Ent. News **23** pp. 316–318; *Nezara viridula*.—**Torre Bueno**; Records of Heteroptera from Brownsville, Texas, T.c. p. 120–122.—**Bueno**, Canad. Ent. **44** pp. 209–213; Long island, long list.

Tothill, 2786; *Winthemia* sp. n.

Van Duzee, 2852; spp. n.—**Van Duzee**, Ottawa Natural. **26** pp. 68–70; Canada, trip.

Wilson, 3211; spp. n.—**Wilson, 3212**; *Lachnus* sp. n.

Zimmer, 3253; The *Pentatomidae* of Nebraska.

Thysanoptera.

Hood, 1281; 2 spp. n.—**Hood, 1282**; n. gen. 3 spp. n.—**Hood, 1283**; spp. n.—**Hood, 1284**; *Phloeothripidae* 3 spp. n.—**Hood, 1285**; New gen. & spp.

Jones, 1425; California and Georgia spp. n.

Parrott; *Euthrips pyri* in New York.

Russell; Notes; Washington Proc. Ent. Soc. **14** p. 128.

Lipoptera.

Kellogg & Mann, 1474; From Alaskan birds.

McGregor, 1743; *Colpocephalum* sp. n.

Paine, 2030; Mallophaga from birds at Laguna beach.—**Paine, 2031**; *Heterodoxus* sp. n.—**Paine, 2032**; *Trichodectes* spp. n.

Plecoptera.

Klapálek, 1522; spp. n.

Paraneuroptera.

Root, Canad. Ent. **44** p. 208; Ontario list.

Walker, 2944; Canada list, *Coenagrion* sp. n.

Williamson, 3205; *Argia* n. sp.—**Williamson**; Indiana *Somatochlora*: Ent. News **23** pp. 152–155.

Wilson, 3207; Cumberland valley Kentucky and Tennessee.

Orthoptera.

Davis, 668; *Belocephalus* 3 spp. n. Florida.—**Davis**; *Dendrotettix quercus* New Jersey; Ent. News Philadelphia **23** 1912 p. 2.

Fox, 969; Two *Xiphidium* spp. n.

Rehn, 2244; Santa Rita mountains, Arizona.—**Rehn & Hebard, 2247**; *Gryllidae* gen. n.—**Rehn & Hebard, 2248**; Southern Florida, *Atlanticus* sp. n.

Walker, Canad. Ent. **44** pp. 171 & 172; The *Blattidae* of Ontario.

Thysanura.

Silvestri, 2590; *Campodeidae* spp. n.

Central America.

Coleoptera.

Casey, 491; Panama *Byrrhidae* gen. n.—**Casey, 492**; Revision, *Asidini*.—**Casey, 493**; Longicornia spp. n.

Dupuis, 779; *Omophron* 2 spp. n.

Fleutiaux, 941; *Eucnemidae* spp. n.

Kraus, 1563; *Lasconotus* spp. n. Mexico.

Lesne, 1677; Lyctides nouveaux du Mexique.

Ohaus, 1991; Rutelini spp. n.

Sicard, 2575; *Harmonia*, *Exoplectra*, spp. n.

Wagner, 2929 & 2930 *Apion* spp. n.

Wickham & Wolcott, 3117; Notes, *Cleridae*.

Hymenoptera.

Bartlett, 140; Mexico *Scolia* sp. n.

Cameron, 475; Costa Rica *Megacanthopus* and *Odynerus*, spp. n.

Cockerell, 553; *Apidae* spp. n.—**Cockerell, 554**; *Apidae* spp. n.—

Cockerell, 555; *Apidae* spp. n.—**Cockerell, 564**; *Eustypiura* sp. n. Guatemala.—**Cockerell, 565**; *Apidae* spp. n.—**Cockerell, 572**; Guatemala *Apidae* spp. n.

Cockerell, W. P., 575; Guatemala *Apidae* short list.

Crawford, 616; *Chalcidae* spp. n.

Enderlein, 840; Brit. Honduras *Eubadizon* sp. n.—**Enderlein, 655**; Mexico *Paniscus* spp. n.

Fernald, 924; *Chlorion* spp. n.

Forel, 948; Nicaragua *Eciton* sp. n.—**Forel, 950**; *Myrmicinae*.—**Forel, 953**; *Azteca* spp. n.

Hooker, 1286; *Ophionini* spp. n.

Maidl, 1745; *Xylocopa* sp. n. Mexiko.

Mocsáry, 1858; *Chrysis* spp. n.

Morley, 1884; *Ichneumonidae* spp. n.

Perkins, 2062; *Chalcidae* spp. n.

Rohwer, 2336; *Fossoria* spp. n.—**Rohwer, 2338**; *Tenthredinidae*, Mexico spp. n.—**Rohwer, 2339**; Panama, *Tenthredinidae* genn. n.

Viereck, 2880; Panama gen. n. *Braconidae*: **2883**; *Parasitica* spp. n.

Zavattari, 3241; *Eumenidae* spp. n.

Lepidoptera.

Busck, 455; New *Microlepidoptera* Mexico.—**Busck, 457**; New genera and species of *Microlepidoptera*, Panama.

Davis & Gibbs P. ent. Soc. London **1912** pp. xlv–xlviii; Honduras and Guatemala *Rhopalocera* list.

Draudt, 758; *Taygetis* sp. n. Mexiko.

Dyar, 789; Mexico spp. n.—**Dyar, 795**; chiefly Mexico, many spp. n.

Ehrmann, 822; Honduras *Papilio* sp. n.

Hampson, 1167; *Pyraustinae* spp. n.—**Hampson, 1169**; *Noctuidae* spp. n.

Rothschild, 2361; *Syntomidae* spp. n.—**Rothschild, 2362**; *Lithosianae* 2 spp. n.

Schaus, 2425 & 2426; Costa Rica many spp. n.

Walsingham, 2950; *Tineidae* genn. and spp. n.

Trichoptera.

Felber, 903; *Helicopsyche* Mexico.

Neuroptera.

Navás, 1915; Guatemala *Episperches* sp. n.—**Navás, 1928**; Panama *Balaga* sp. n.

Diptera.

Alexander, 16; *Tipulinae* spp. n.—**Alexander, 17**; *Rhipidia* spp. n.—**Alexander, 19**; *Furcomyia* spp. n.—**Alexander, 21**; Costa Rica. *Mongoma* sp. n.

Becker, 155; *Chloropidae*, Monographie, gen. et spp. nn.

Enderlein, 838; *Mycetophilidae* spp. n.—**Enderlein, 853**; Costa Rica *Aphiochaeta* sp. n.—**Enderlein, 861**; Costa Rica *Psectrosciara* sp. n.—**Enderlein, 863**; *Tipulidae* spp. n.—**Enderlein, 866**; Costa Rica *Psilopus* sp. n.

Felt, 913 & 914; *Cecidomyidae* sp. n.

Knab, 1544; *Anisopus* spp. n.

Knab & Malloch, 1545; *Limosina* sp. n.

Kröber, 1581; Mexico *Therevidae* spp. n.

Malloch, 1748; Nicaragua *Pipunculus* sp. n.—**Malloch, 1749**; *Phoridae* spp. n.—**Malloch, 1751**; Panama, spp. n.—**Malloch, 1752**; *Pipunculus* spp. n.

Townsend, 2787; Lower California short annotated list.

Hemiptera.

Montandon, 1871; Mexico *Ambrysus* sp. n.

Schmidt, 2457; Costa Rica *Gaetulia* sp. n.

Lipoptera.

Kellogg & Mann, 1475; Islands off Lower California.

Embioptera.

Enderlein, 837; *Oligotoma* sp. n.

Paraneuroptera.

Calvert, 465; *Erpetogomphus* sp. n. Costa Rica.

Orthoptera.

Burr, 449; *Spongovostox* sp. n. Panama.

Rehn & Hebard, 2247; *Mogoplistii*, Panama, spp. n.

Thysanura.

Silvestri, 2590; Mexico *Campodeidae*, spp. n.—**Silvestri, 2595**; Thysanura, Mexico 23 spp., 2 spp. n.

Antilles.

Incl. Bermudas; excl. Trinidad.

Coleoptera.

Arrow, 54; *Phytalus* sp. n.

Bickhardt, 230; Barbados *Acritus* sp. n.

Casey, 493; Cuba *Stenodontes* sp. n.

Olivier, 1998; *Photinus* sp. n.—**Olivier, 2003**; Lampyrides.

Hymenoptera.

Bartlett, 140; Cuba *Scolia* sp. n.

Cockerell, 550; S. Domingo *Centris* sp. n.—**Cockerell, 556**; Jamaica *Apidae* spp. n.

Enderlein, 855; Cuba *Paniscus* sp. n.

Forel, 948; *Formicidae.*—**Forel, 956**; Cuba *Pheidole* sp. n.

Hooker, 1286; *Ophionini* spp. n.

Morley, 1884; *Ichneumonidae* spp. n.

Zavattari, 3241; Eumeniden, Cuba spp. n.

Lepidoptera.

Hampson, 1167; *Pyraustinae* spp. n.—**Hampson, 1169**; *Noctuidae* spp. n.

Prout, 2181; Bahamas *Racheospila* sp. n., Antigua *Synchlora* sp. n.

Rothschild, 2361; *Syntomidae* spp. n.

Skinner, 2608; Cuba *Mesosemia* sp. n.

Walsingham, 2950; Jamaica gen. n. *Oecophoridae.*

Diptera.

Alexander, 17; *Rhipidia* spp. n.—**Alexander, 19**; Cuba *Furcomyia* sp. n.—**Alexander, 25**; Porto Rico gen. n. *Tipulidae.*

Felt, 907; St. Vincent *Lasiopteryx* sp. n.—**Felt, 909**; *Cecidomyiidae* spp. n.—**Felt, 910**; *Uleella* sp. n. St. Vincent.

Hemiptera.

Back, 88; Cuba *Aleyrodes* 2 spp, n.

Distant, 724; Cuba gen. n. *Cicadidae.*

Reuter, 2286; Porto Rico *Pycnederes* sp. n.

Reuter & Poppius, 2288; Jamaica *Termatophyliden* sp. n.

Scott, 2536; Dominica *Microvelia* sp. n.

Van Duzee, 2852; Jamaica *Xestocephalus* sp. n.

Paraneuroptera.

Wilson, 3206; Jamaica.

Orthoptera.

Caudell, 500; *Gonatista* sp. n. San Domingo.

Rehn & Hebard, 2247; *Gryllidae* spp. n.

South America, including Trinidad.

Insecta, collectively.

Navás, 1918; *Ephemeroptera, Psocoptera, Neuroptera*, spp. n.

Scott, 2536; Trinidad bromeliaecolous insects.

Coleoptera.

Bernhauer, 207; Staphyliniden, spp. n.—**Bernhauer, 210**; Staphyliniden 3 n. genn. 20 spp. n.—**Bernhauer, 212**; Staphyliniden spp. n., gen. n.

Bickhardt, 230; *Hypobletus* spp. n.

Borchmann, 277; Neue Heteromeren, Argentinien.

Bourgeois, 301; Bahia *Gymnetis* sp. sp. n.

Bowditch, 305; *Diabrotica* spp. n.

Brèthes, 334; *Eustilbus* sp. n.—**Brèthes, 335**; *Pandeleteius* sp. n.

Bruch, 410; *Oxycorynus* sp. n.—**Bruch, 411**; Argentina *Cerambycidae* spp. n.—**Bruch, 412**; Argentina *Cerambycidae* catalogue.

Casey, 492; Revision, *Asidini.*—**Casey, 493**; *Cerambycidae*, spp. n.

Fleutiaux, 941; *Eucnemidae* spp. n. —**Fleutiaux, 943**; *Elateridae*, gen. n.

Gebien, 1024; *Tenebrionidae* spp. n.

Heller, 1208; *Metamasiopsis*, spp. n.

Kuntzen, 1593; *Dercylus*, spp. n.

Lesne, 1676; *Aseutotheca*, sp. n.

Lewis, 1682; *Histeridae* 3 spp. n.

Mann; Brazil, List, *Histeridae* and *Buprestidae.*

Möllenkamp, 1862; *Lucanidae* spp. n.

Moser, 1892; *Gymnetis* sp. n.

Ohaus, 1984; *Aclopus* sp. n.—**Ohaus, 1986**; *Hoplognathus* n. sp.—**Ohaus, 1991**; Rutcliden spp. n.

Nunemacher, 1976; *Coccinellidae*, Brazil 2 spp. n.

Olivier, 1997; *Diaphanes* and *Lucidota* sp. n.—**Olivier, 2002**; *Lampyridae* spp. n.

Pic, 2095; spp. n., *Malacodermidae Anobiidae* and *Anthicidae.*—**Pic, 2099**; **Discodon** spp. n.—**Pic, 2115**; Deux nouveaux *Discodon.*

Prell, 2172; *Heterogomphus* spp. n.—**Prell, 2174**; Dynastinen spp. n.—**Prell, 2175**; Dynastinen gen. n.

Raffray, 2220; *Prelaphidae* spp. n.

Rothkirch & Panten, 2351; Neue Stigmoderidae.

Sampson, 2404; Trinidad, 2 spp. n., *Amphicranus* and *Xyleborus.*

Schaeffer, 2423; Brazil spp. n.

Schmidt, 2451; *Coprini* spp. n.

Sicard, 2575; *Coccinellides* spp. n.—

Sicard, 2576; Coccinellides Bolivie spp. n.

Spaeth, 2634; Neue Cassiden.

Szombáthy, 2751a; *Semiotus* spp. n.

Wagner, 2929, 2936, 2930; *Apion* spp. n.

Wasmann, 2967; *Staphylinidae* gen. n.

Waterhouse, 2970; *Conognatha* spp. n.

Wolcott, 3219; *Cleridae* Brazil, spp. n.

Hymenoptera.

Alexander, 16; *Tipulinae* spp. n.

Bertoni, 215; 2 spp. n., *Xanthogonalos* and *Trimeria.*

Brues, 413; Brazilian *Ichneumonidae* and *Braconidae* spp. n.

Cameron, 475 & 476; *Aculeata* many spp. n.

Cockerell, 556; Peru *Megachile* sp. n. —**Cockerell, 568**; Peru 2 spp. n., *Megachile* and *Xenoglossa.*—**Cockerell, 571**; Brazil *Apidae* spp. n.

Crawford, 616; *Chalcidae* spp. n.

Du Buysson, 775; *Oryssus* sp. n. *Chrysidae* gen. n.

Ducke, 776; Die natürlichen Bienengenera, spp. n.

Enderlein, 839; Spathiinen spp. n.—**Enderlein, 840**; Colombia *Eubadizon* sp. n.—**Enderlein, 855**; *Paniscinae* spp. n.—**Enderlein, 859**; *Ophioninae* spp. n.

Forel, 948; *Formicidae* spp. n.—**Forel, 950**; *Myrmicinae* spp. n.—**Forel, 951**; *Pheidole* and *Cremastogaster* spp. n.—**Forel, 952**; *Myrmicinae* spp. n.—**Forel, 953**; *Dolichoderinae* spp. n.—**Forel, 954**; *Camponotinae* spp. n.

Friese, 980; *Apidae* spp. n.—**Friese, 984**; Argentinien *Colletes* 2 spp. n.

Girault, 1056; Paraguay Chalcididae spp. n.

Hooker, 1286; *Ophionini* spp. n.

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Malachius porni n. n. pro *spinipennis* Horn, PIC Mél. exot. **2.**

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†*Platydema antiquorum* **sp. n.** p. 32 pl. iv f. 4 Colorado Miocene, WICKHAM Bull. Univ. Iowa Lab. **6** No. 3.

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Male genitalia, SHARP & MUIR p. 350 figs. 170 & 171 Tr. ent. Soc. London **1912**.

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Emarginea nocea **sp. n.** p. 68 Mexico, DYAR Proc. U. S. Nation. Mus. **42.**

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Ephyrodes ? *apicata* **sp. n.** Bolivia, DOGNIN p. 33 Hét. nouv. **6.**

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Euclidia mi v. n. *extrema*, BANG-HAAS p. 162 D. ent. Zs. Iris **26.**

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Oecophyllembius neglectus, storia naturale, SILVESTRI Boll. Lab. Portici **6** p. 176 33 fig.

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Xylorycta navigatrix **sp. n.** Colombia, MEYRICK p. 705 Tr. ent. Soc. London **1911.**

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Novae species *Trichopt.*; DZIEDZIELEWICZ Kraków Spraw. Kom. fizyogr. **45** 1911 pp. 45–47. (No names have been received in connection with this.)

†*Adelomyia* **gen. n.**, inc. sed. p. 331, *exularis* **sp. n.** p. 333, Bernstein, ULMER Beitr. Naturk. Preussen **10.**

†*Agraylea spathifera* **sp. n.** Bernstein, ULMER p. 39 T.c.

†*Allotrichia ampullata* **sp. n.**, Bernstein, ULMER p. 40 T.c.

Apatania groenlandica **sp. n.** Groenland, KOLBE p. 41 Deutsche ent. Zeitschr. **1912.**

†*Archaeocrunoecia* **gen. n.** near *crunoecia* p. 288, *tenuicornis* p. 290, *validicornis, aperter,* p. 292, **spp. n.**, Bernstein, ULMER Beitr. Naturk. Preussen **10.**

†*Archaeoneureolipsis* **gen. n.** *Polycentropidae, fortis,* p. 69, *geminata* p. 11, **spp. n.**, Bernstein, ULMER T.c.

†*Archaetinodes* **gen. n.** near *Tinodes* p. 178, *armata* p. 183, *globata, lanceolata,* p. 185, *dives* p. 187, *pauper* p. 188, *uncinata* p. 189, *angusta* p. 192, *tenuis* p. 193, *securifera* p. 194, *hageni* p. 195, *exarata* p. 197, **spp. n.**, Bernstein, ULMER T.c.

Atopsyche ikonnikovi **sp. n.** Peru, MARTYNOV Ann. mus. zool. Ac. sc. **17** p. 34 figs. 54–59.

†*Aulacomyia* **gen. n.** *Sericostomatidae, infuscata* **sp. n.** Bernstein, ULMER pp. 321 & 322 Beitr. Naturk. Preussen **10.**

†*Beraeodes pectinata* **sp. n.** Bernstein, ULMER p. 327 T.c.

Catoxyethira **gen. n.** *Hydroptilidae, fasciata* **sp. n.** Kongo, ULMER p. 82 Ergebn. Zentr.-Afrik. Exp. **4** L. 6.

Chimarrha galeata p. 30 figs. 48–52, *consimilis* p. 33 fig. 53, **spp. n.**, sp. ? Description p. 33, Peru, MARTYNOV Ann. mus. zool. Ac. sc. **17.**

†*Diplectrona ocularia* p. 213, *minima* p. 215, **spp. n.**, Bernstein, ULMER Beitr. Naturk. Preussen **10.**

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Dolophilus insignis **sp. n.** Peru, MARTYNOV Ann. mus. zool. Ac. sc. **17** p. 29 figs. 44–47.

†*D. medius* p. 51, *congener* p. 52, *impar* p. 53, **spp. n.**, Bernstein, ULMER Beitr. Naturk. Preussen **10.**

†*Electracanthinus* **gen. n.** *Philopotamidae* p. 54, *klebsi* **sp. n.** p. 56, Bernstein, ULMER T.c.

†*Electragapetus* **gen. n.** near *Catagapetus, soitutus* **sp. n.** Bernstein, ULMER pp. 33–34 T.c.

†*Electraulax* **gen. n.** *Sericostomatidae* p. 295, *breviascuta, longiuscula*, p. 296, **spp. n.**, Bernstein, ULMER T.c.

†*Electrocerum* **gen. n.** *Odontoceridae, pedestre* **sp. n.** Bernstein, ULMER pp. 243 & 244 T.c.

†*Electrocrunoecia* **gen. n.** near *Crunoecia, turbata* **sp. n.** Bernstein, ULMER pp. 292 & 294 T.c.

†*Electrodiplectrona* **gen. n.** near *Diplectrona* p. 216, *decipiens* p. 218, **sp. n.** Bernstein, ULMER T.c.

†*Electrohelicopsyche* **gen. n.** fur *Mormonia taeniata* Pictet, ULMER p. 310 T.c.

†*Electropsilotes* **gen. n.** *Odontoceridae, rara* **sp. n.** Bernstein, ULMER pp. 246 & 247 T.c.

†*Electrotrichia* **gen. n.** *Hydroptilidae, subtilis* **sp. n.** Bernstein, ULMER pp. 42 & 43 T.c.

†*Erotesis aequalis* **sp. n.** Bernstein, ULMER p. 265 T.c.

†*Ganonema regulare* **sp. n.** Bernstein, ULMER p. 240 T.c.

†*Goëra gracilicornis* **sp. n.** Bernstein, ULMER p. 272 T.c.

Grammataulius bettenii **sp. n.** p. 18 pl. iii Oregon, HILL-GRIFFIN Ent. News **23.**

Helicopsyche montana **sp. n.** Mexico, FELBER p. 46 Zeitschr. wiss. Insektbiol. **8.**—*H. minuscula* **sp. n.** Peru, MARTYNOV Ann. mus. zool. Ac. sc. **17** p. 3 figs. 1–4.

†*H. typira, confluens*, **spp. n.**, Bernstein, ULMER p. 307 Beitr. Naturk. Preussen **10.**

†*Holocentropus consobrinus* p. 120, *consanguineus* p. 122, *pertatus* p. 124, *curvatus* p. 130, *omega* p. 131, *scissus* p. 183, *discedens* p. 135, *echinatus* p. 136, *cornutus* p. 137, *calcaratus* p. 138, *lanciger* p. 139, *uncatus* p. 140, **spp. n.**, ULMER T.c.

†*Hydropsyche viduata* **sp. n.** Bernstein, ULMER T.c.

Hydroptila cruciata **sp. n.** O.-Afrika, ULMER p. 83 Ergebn. Zentr.-Afrik. Exp. **4** L. 6.

Leptocerus ramosus p. 103, *pulcher* p. 105, Kamerun, *curvatus* p. 107 Rives du Moyen Chari, *fissus* p. 108 O.-Afr., **spp. n.**, ULMER T.c.

†*Lithax atrabula* **sp. n.** Bernstein, ULMER p. 274 Beitr. Naturk. Preussen **10.**

†*Lype prolongata* p. 203, *eximia* p 204, **spp. n.**, Bernstein ULMER T.c.

Macronema distinctum **sp. n.** Sp. Guinea, ULMER p. 100 Ergebn. Zentr.-Afrik. Exp. **4** L. 6.

†*Maniconeurodes* **gen. n.** *Sericostomatidae, conwentzi* **sp. n.** Bernstein, ULMER pp. 202 & 303 Beitr. Naturk. Preussen **10.**

Marilia elongata **sp. n.** p. 14 figs. 17–20, sp. ? p. 16 fig. 21, *flexuosa* p. 17 figs. 22–27 Peru, MARTYNOV Ann. mus. zool. Ac. sc. **17.**

†*M. ophthalmica* **sp. n.** Bernstein, ULMER p. 248 Beitr. Naturk. Preussen **10.**

†*Molanna crassicornis* **sp. n.** Bernstein, ULMER p. 254 T.c.

†*Molannodes indubia* p. 251, *dubia* p. 252, **spp. n.**, Bernstein, ULMER T.c.

Mortoniella tranquilla **sp. n.** Peru, MARTYNOV Ann. mus. zool. Ac. sc. **17**, p. 38.

Mystacides alafimbriata **sp. n.** p. 19 pl. iv Oregon, HILL-GRIFFIN Ent. News **23.**

†*Neureclipsis geniculata* p. 73, *proxima* p. 74, *tornquisti* p. 75, *exsculpta* p. 77, **spp. n.**, Bernstein, ULMER Beitr. Naturk. Preussen **10.**

†*Nyctiophylacodes* **gen. n.** near *Nyctiophylax*, *curtula* **sp. n.** Bernstein, ULMER pp. 172 & 173 T.c.

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